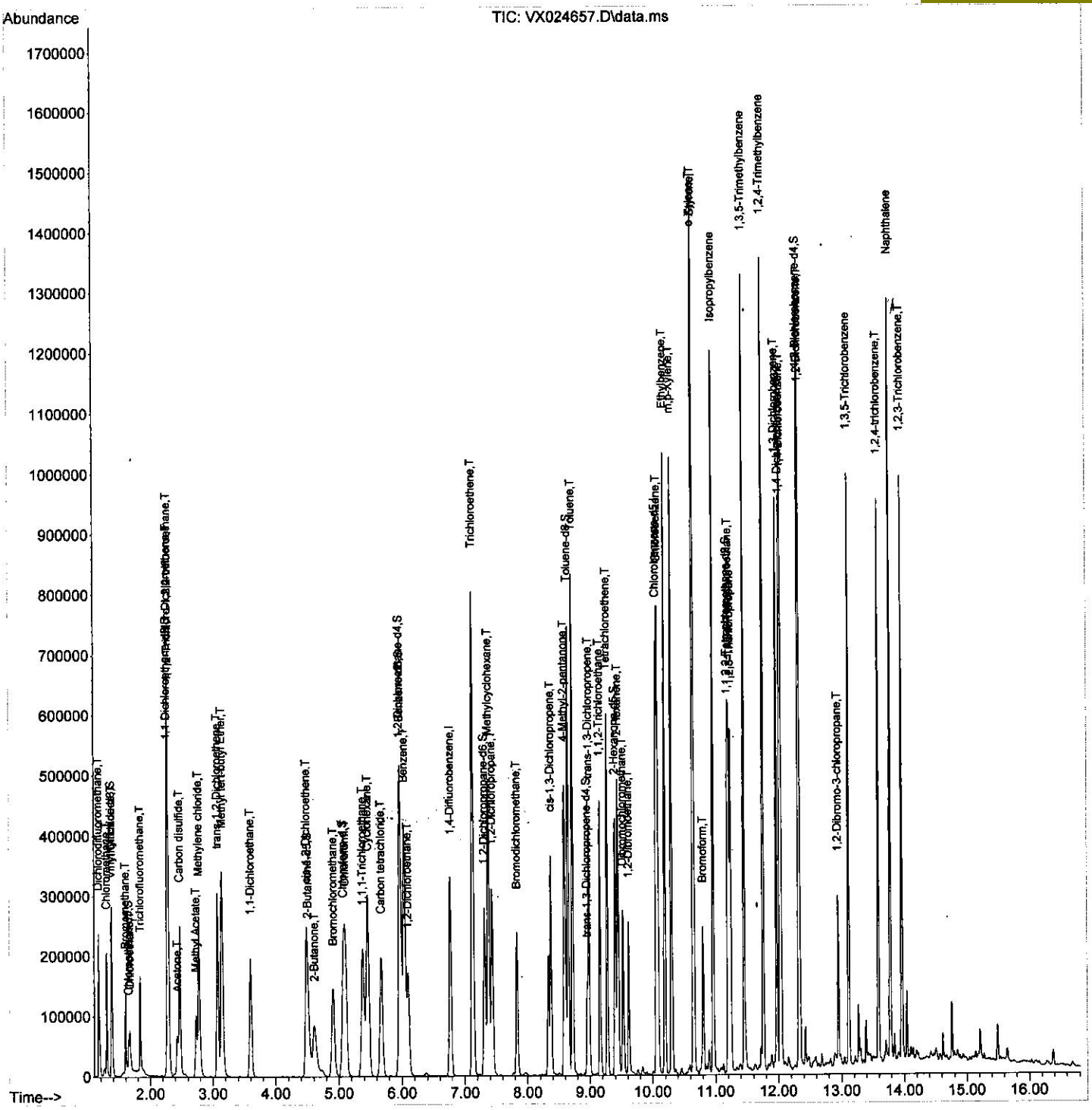
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
Data File : VX024657.D
Acq On : 07 Oct 2021 19:44
Operator : JC/MD
Sample : M4000-13MSDME
Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 07 23:11:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 23:05:28 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
EW906MSDME

Manual Integrations APPROVED
MMDadoda
10/8/2021 9:39:09 AM



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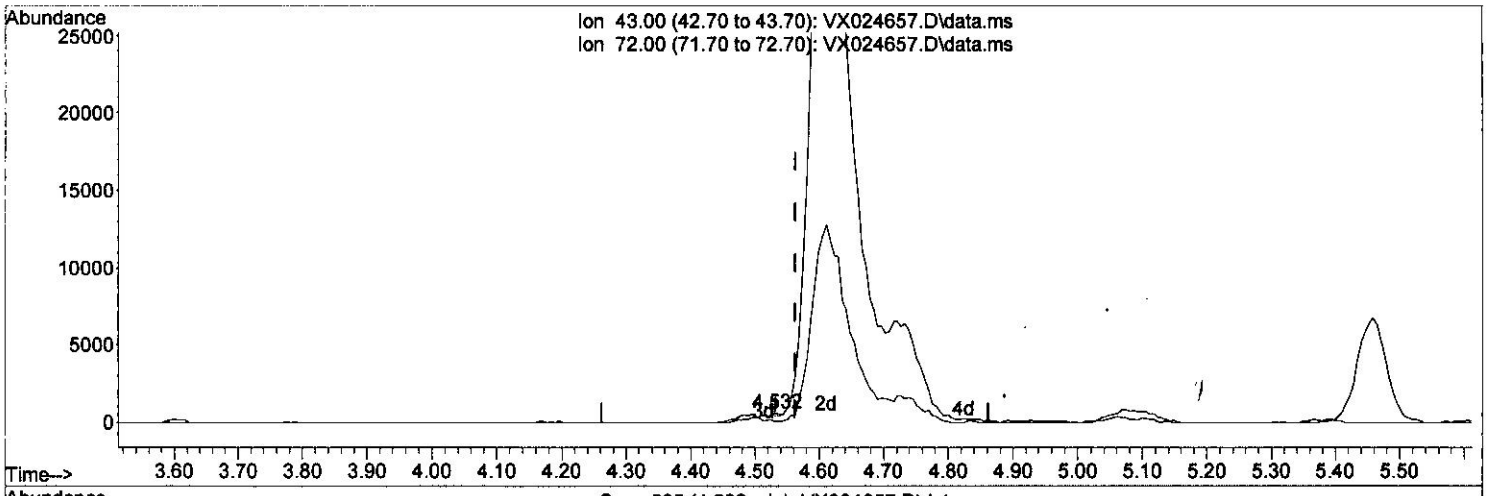

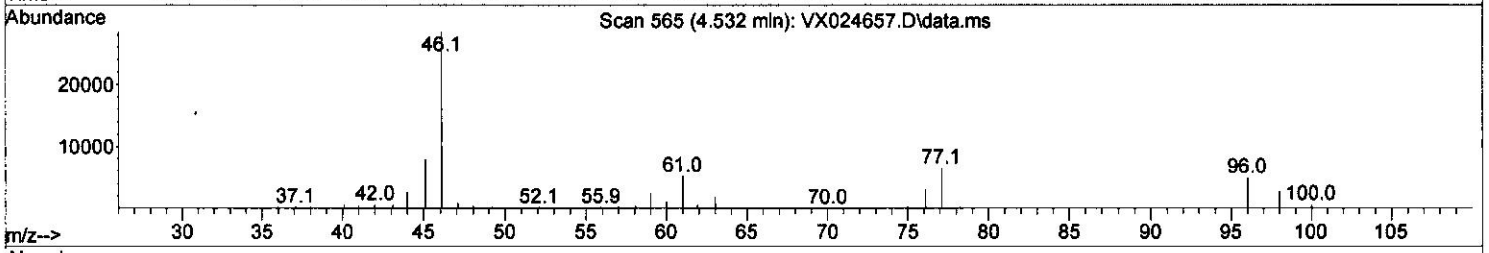

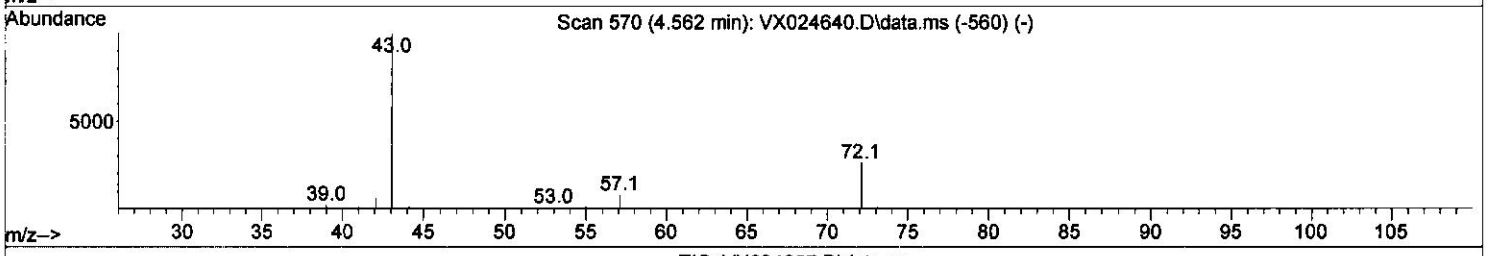

TIC: VX024657.D\data.ms

(22) 2-Butanone (T)

4.532min (-0.031) 0.08 ug/L

response 191

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	30.50	35.60
0.00	0.00	0.00
0.00	0.00	0.00

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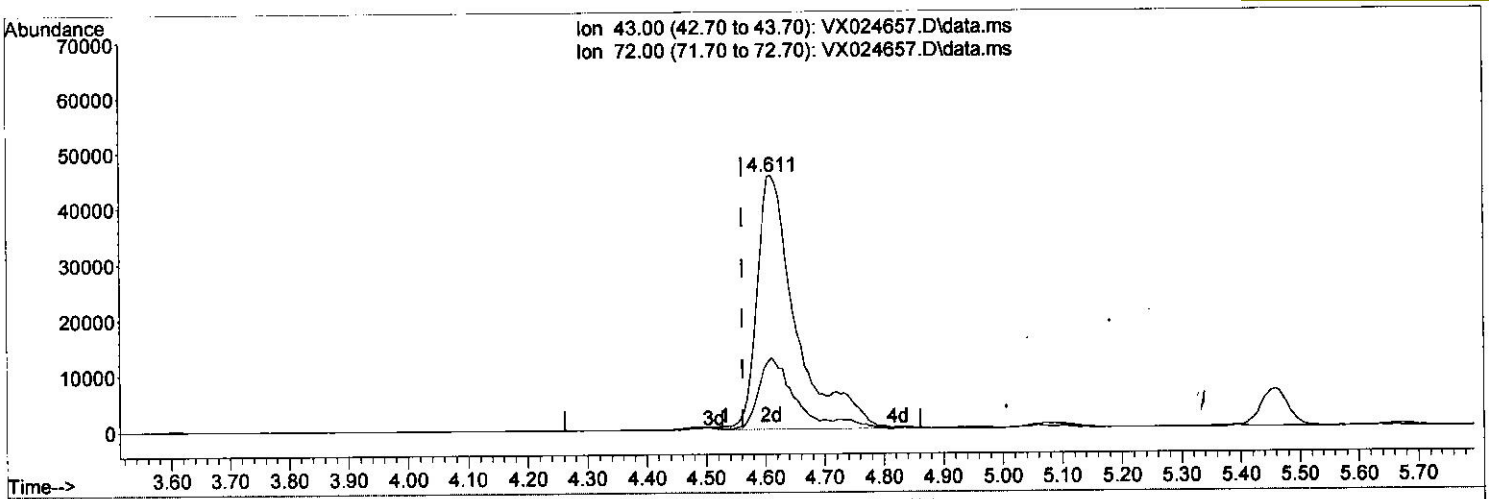
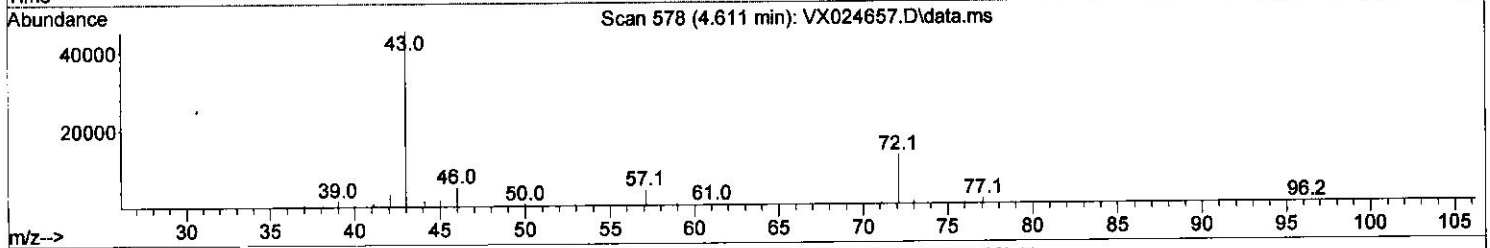
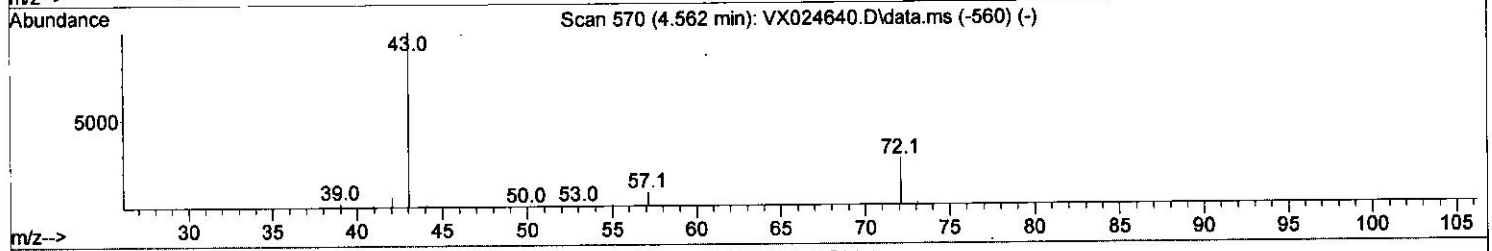
10/8/2021 9:39:09 AM







TIC: VX024657.D\data.ms

(22) 2-Butanone (T)

4.611min (+ 0.049) 89.98 ug/L m MP 10/20/21

response 209004

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	30.50	0.03#
0.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
MMDadoda
10/8/2021 9:39:09 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	348724	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	323222	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	179734	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	110363	51.114	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.220%			
7) Chloroethane-d5	1.648	69	42455	29.870	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 59.740%#			
11) 1,1-Dichloroethene-d2	2.270	63	201734	47.587	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.180%			
21) 2-Butanone-d5	4.507	46	156953	88.419	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.420%			
24) Chloroform-d	5.068	84	243667	55.722	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.440%			
26) 1,2-Dichloroethane-d4	5.964	65	166733	53.912	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.820%			
32) Benzene-d6	5.970	84	475662	52.241	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.480%			
36) 1,2-Dichloropropane-d6	7.312	67	146534	51.456	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.920%			
41) Toluene-d8	8.653	98	442265	49.855	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.720%			
43) trans-1,3-Dichloroprop...	8.958	79	69506	49.258	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.520%			
47) 2-Hexanone-d5	9.403	63	146780	109.788	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.790%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	221692	56.524	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 113.040%			
66) 1,2-Dichlorobenzene-d4	12.323	152	193021	54.887	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	157094	50.959	ug/L	99
3) Chloromethane	1.294	50	123826	49.197	ug/L	100
5) Vinyl chloride	1.374	62	130556	51.413	ug/L	99
6) Bromomethane	1.599	94	50927	36.344	ug/L	98
8) Chloroethane	1.666	64	34079	25.707	ug/L	96
9) Trichlorofluoromethane	1.837	101	85994	24.027	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.288	101	105531	47.376	ug/L	96
12) 1,1-Dichloroethene	2.282	96	94991	47.425	ug/L	89
13) Acetone	2.434	43	120405	68.621	ug/L	90
14) Carbon disulfide	2.471	76	273505	47.296	ug/L	98
15) Methyl Acetate	2.733	43	144449	51.670	ug/L	95
16) Methylene chloride	2.776	84	126674	52.564	ug/L	92
17) trans-1,2-Dichloroethene	3.075	96	122512	53.949	ug/L	94
18) Methyl tert-butyl Ether	3.148	73	415324	55.605	ug/L	97
19) 1,1-Dichloroethane	3.605	63	222943	52.543	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	138349	53.979	ug/L	99
22) 2-Butanone	4.611	43	209004m	89.981	ug/L	
23) Bromochloromethane	4.910	128	68936	51.467	ug/L	91

MP 10/28/21

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Manual Integrations APPROVED
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10/8/2021 9:39:09 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.099	83	241389	50.315	ug/L	98
27) 1,2-Dichloroethane	6.092	62	198138	53.230	ug/L	95
29) Cyclohexane	5.458	56	210311	52.423	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	218332	51.511	ug/L	99
31) Carbon tetrachloride	5.672	117	184486	49.611	ug/L	100
33) Benzene	6.037	78	507892	50.852	ug/L	100
34) Trichloroethene	7.129	95	316949	115.292	ug/L	97
35) Methylcyclohexane	7.379	83	230614	52.767	ug/L	97
37) 1,2-Dichloropropane	7.433	63	127737	48.561	ug/L	99
38) Bromodichloromethane	7.830	83	153166	45.582	ug/L	99
39) cis-1,3-Dichloropropene	8.372	75	189113	47.949	ug/L	98
40) 4-Methyl-2-pentanone	8.592	43	389038	97.196	ug/L	93
42) Toluene	8.720	91	543811	48.781	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	190473	49.446	ug/L	99
45) 1,1,2-Trichloroethane	9.159	97	127348	49.793	ug/L	97
46) Tetrachloroethene	9.275	164	111307	51.942	ug/L	96
48) 2-Hexanone	9.445	43	309449	94.774	ug/L	92
49) Dibromochloromethane	9.525	129	127313	47.868	ug/L	97
50) 1,2-Dibromoethane	9.616	107	140485	50.862	ug/L	100
51) Chlorobenzene	10.085	112	356341	53.035	ug/L	96
52) Ethylbenzene	10.195	91	617388	53.786	ug/L	98
53) m,p-Xylene	10.305	106	243335	54.261	ug/L	96
54) o-Xylene	10.646	106	237664	53.059	ug/L	95
55) Styrene	10.659	104	405484	54.233	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.219	83	218567	54.070	ug/L	98
59) Bromoform	10.805	173	90795	44.647	ug/L	99
60) Isopropylbenzene	10.969	105	648432	52.391	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	178012	48.254	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	570481	52.478	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	576463	54.246	ug/L	99
64) 1,3-Dichlorobenzene	11.975	146	303236	52.537	ug/L	95
65) 1,4-Dichlorobenzene	12.049	146	302079	52.394	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	301457	52.897	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	52820	53.264	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	230290	55.546	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	219976	62.708	ug/L	99
71) Naphthalene	13.780	128	767660	65.557	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	221052	61.069	ug/L	97

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