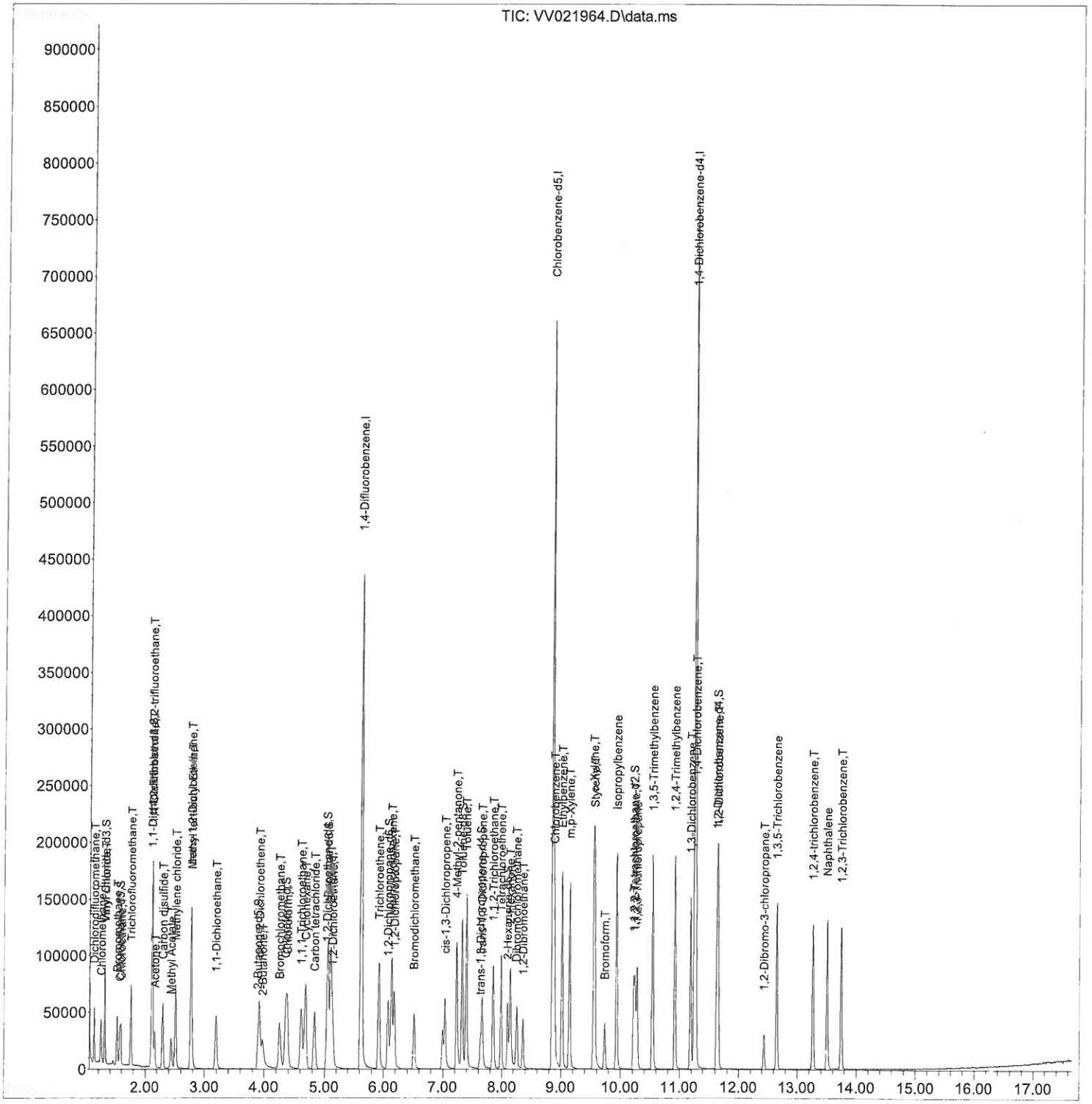
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
Data File : VV021964.D
Acq On : 27 Aug 2021 09:55
Operator : SY/MD
Sample : VSTD01046
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 28 02:06:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 28 02:05:13 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD010246

Manual Integrations APPROVED
MMDadoda
8/30/2021 10:21:47 AM



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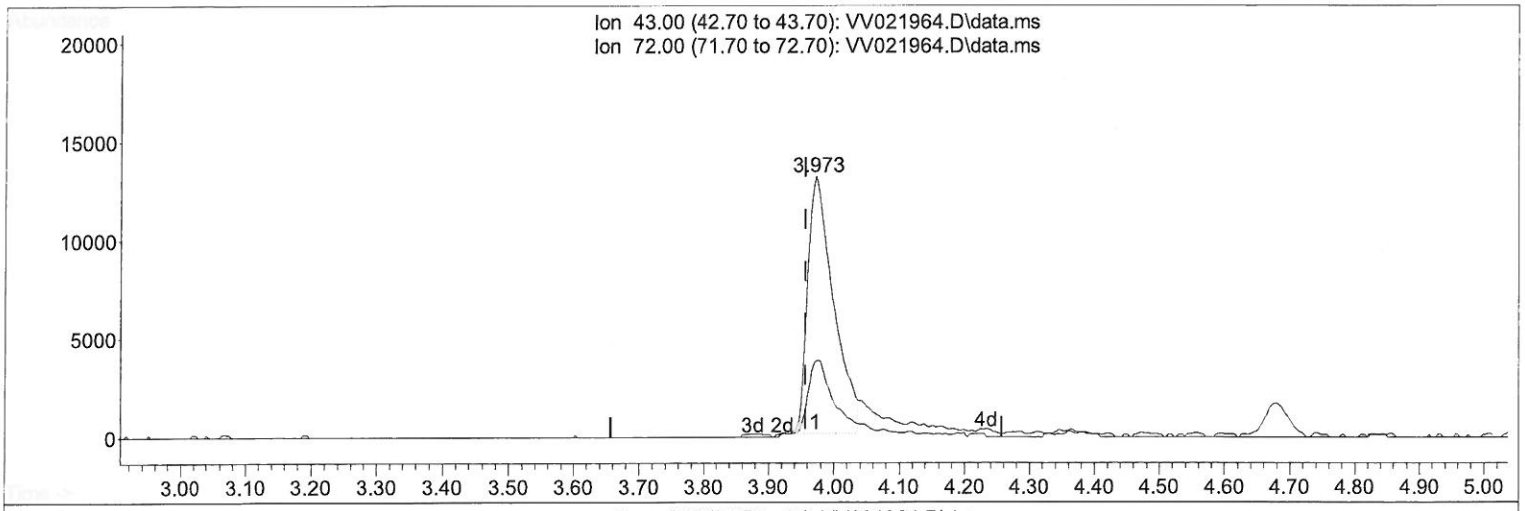

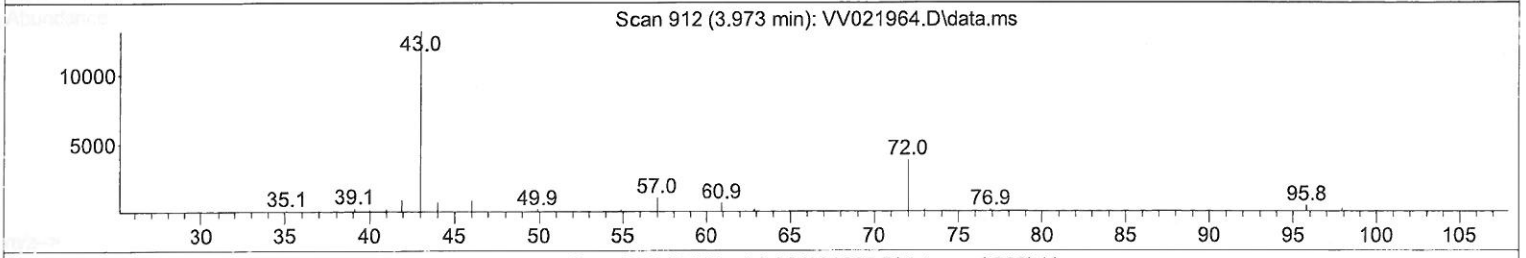

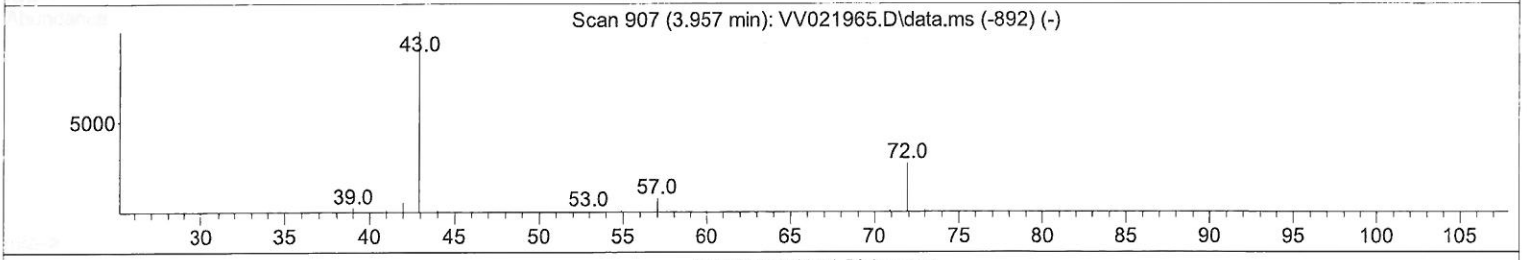

TIC: VV021964.D\data.ms

(22) 2-Butanone (T)

3.973min (+ 0.016) 16.18 ug/L

response 36105

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	26.50	28.55
0.00	0.00	0.00
0.00	0.00	0.00

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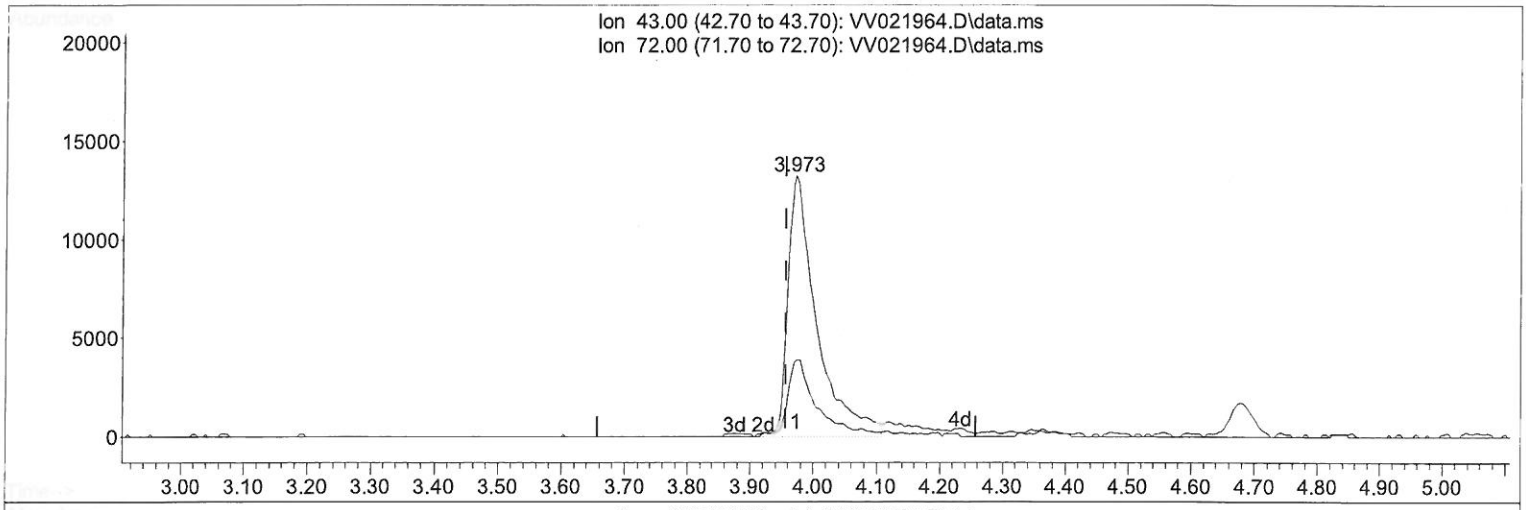

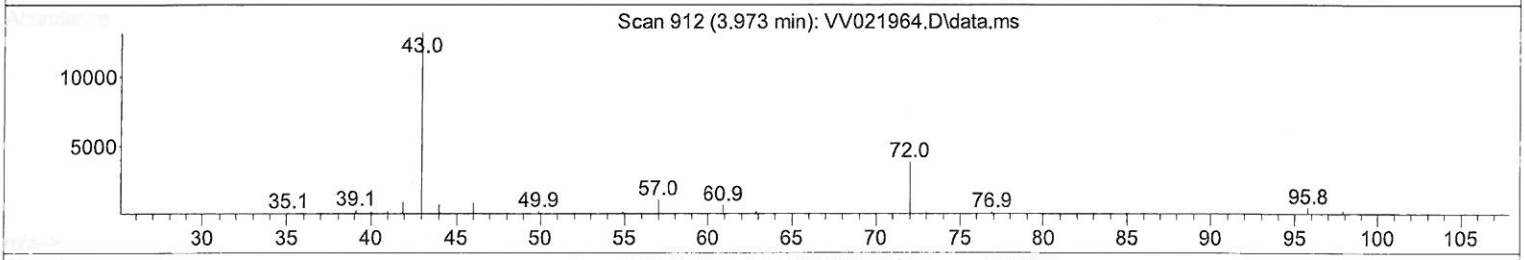

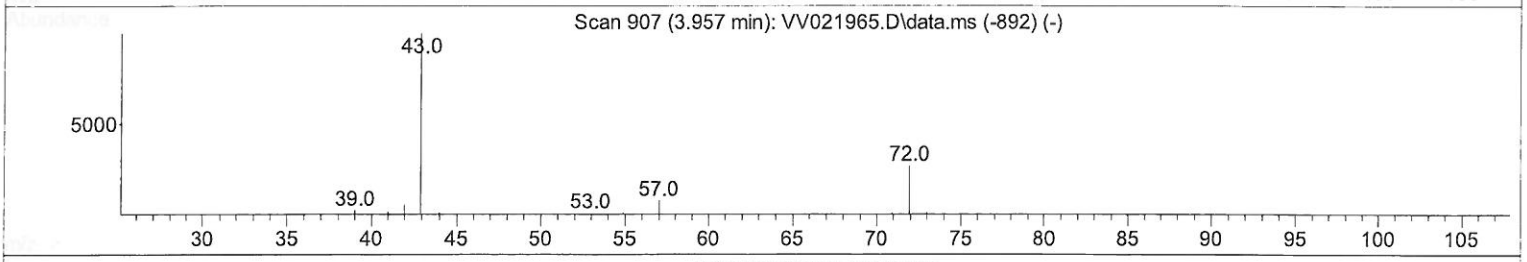

TIC: VV021964.D\data.ms

(22) 2-Butanone (T)

3.973min (+ 0.016) 18.87 ug/L m

response 42107

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	26.50	24.48
0.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.619	114	399817	50.000	ug/L		0.00
28) Chlorobenzene-d5	8.853	117	381427	50.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	202780	50.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.307	65	26588	8.580	ug/L		0.00
7) Chloroethane-d5	1.568	69	20562	8.721	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.108	63	44598	9.066	ug/L		0.00
21) 2-Butanone-d5	3.892	46	34725	17.114	ug/L		0.02
24) Chloroform-d	4.355	84	47812	8.823	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.037	65	28409	9.059	ug/L		0.00
32) Benzene-d6	5.053	84	98769	8.981	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.075	67	31158	9.114	ug/L		0.00
41) Toluene-d8	7.320	98	91173	8.946	ug/L		0.00
43) trans-1,3-Dichloroprop...	7.628	79	13538	8.080	ug/L		0.00
47) 2-Hexanone-d5	8.095	63	19752	16.736	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	37296	8.704	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	38540	9.141	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.127	85	26845	9.062	ug/L		98
3) Chloromethane	1.243	50	29302	9.481	ug/L		97
5) Vinyl chloride	1.310	62	29538	9.662	ug/L		99
6) Bromomethane	1.519	94	18488	10.126	ug/L		97
8) Chloroethane	1.584	64	18978	10.320	ug/L		99
9) Trichlorofluoromethane	1.751	101	41561	9.889	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	23445	9.694	ug/L		95
12) 1,1-Dichloroethene	2.117	96	23058	10.020	ug/L		93
13) Acetone	2.162	43	30525	19.651	ug/L	#	73
14) Carbon disulfide	2.294	76	65849	8.752	ug/L		100
15) Methyl Acetate	2.429	43	29536	10.233	ug/L		100
16) Methylene chloride	2.506	84	31631	9.861	ug/L		99
17) trans-1,2-Dichloroethene	2.764	96	27434	10.165	ug/L		98
18) Methyl tert-butyl Ether	2.770	73	87782	10.509	ug/L		98
19) 1,1-Dichloroethane	3.195	63	49559	10.332	ug/L		98
20) cis-1,2-Dichloroethene	3.918	96	29725	9.494	ug/L		98
22) 2-Butanone	3.973	43	42107m	18.875	ug/L		
23) Bromochloromethane	4.252	128	16257	9.774	ug/L		98
25) Chloroform	4.381	83	53475	10.300	ug/L		97
27) 1,2-Dichloroethane	5.137	62	34642	9.514	ug/L		97
29) Cyclohexane	4.680	56	41388	9.189	ug/L		99
30) 1,1,1-Trichloroethane	4.612	97	45093	9.747	ug/L		99
31) Carbon tetrachloride	4.834	117	36745	9.189	ug/L		99
33) Benzene	5.104	78	109374	9.618	ug/L		100
34) Trichloroethene	5.918	95	31733	9.689	ug/L		93
35) Methylcyclohexane	6.137	83	43864	9.261	ug/L		98
37) 1,2-Dichloropropane	6.178	63	28744	9.929	ug/L		99
38) Bromodichloromethane	6.516	83	34254	9.008	ug/L		99
39) cis-1,3-Dichloropropene	7.034	75	42004	9.136	ug/L		96
40) 4-Methyl-2-pentanone	7.230	43	74191	18.519	ug/L		99
42) Toluene	7.391	91	118414	9.729	ug/L		99

MD 9/10/21

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8/30/2021 10:21:47 AM

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.654	75	36696	8.528 ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	29261	10.071 ug/L	96
46) Tetrachloroethene	7.979	164	23666	9.710 ug/L	99
48) 2-Hexanone	8.143	43	61333	19.808 ug/L	93
49) Dibromochloromethane	8.249	129	28701	9.021 ug/L	96
50) 1,2-Dibromoethane	8.358	107	29973	9.463 ug/L	96
51) Chlorobenzene	8.886	112	80229	10.037 ug/L	99
52) Ethylbenzene	9.014	91	126499	9.722 ug/L	100
53) m,p-Xylene	9.143	106	48719	9.634 ug/L	100
54) o-Xylene	9.548	106	48094	9.633 ug/L	99
55) Styrene	9.564	104	80701	9.607 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	39056	9.564 ug/L	97
59) Bromoform	9.738	173	18957	8.231 ug/L	100
60) Isopropylbenzene	9.934	105	128362	9.737 ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	36052	9.863 ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	104296	9.432 ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	105253	9.373 ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	64292	10.011 ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	66329	10.294 ug/L	96
67) 1,2-Dichlorobenzene	11.648	146	64431	9.963 ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	6967	7.843 ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	46589	9.955 ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	39392	9.965 ug/L	98
71) Naphthalene	13.506	128	106537	9.272 ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	39215	9.896 ug/L	99

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