

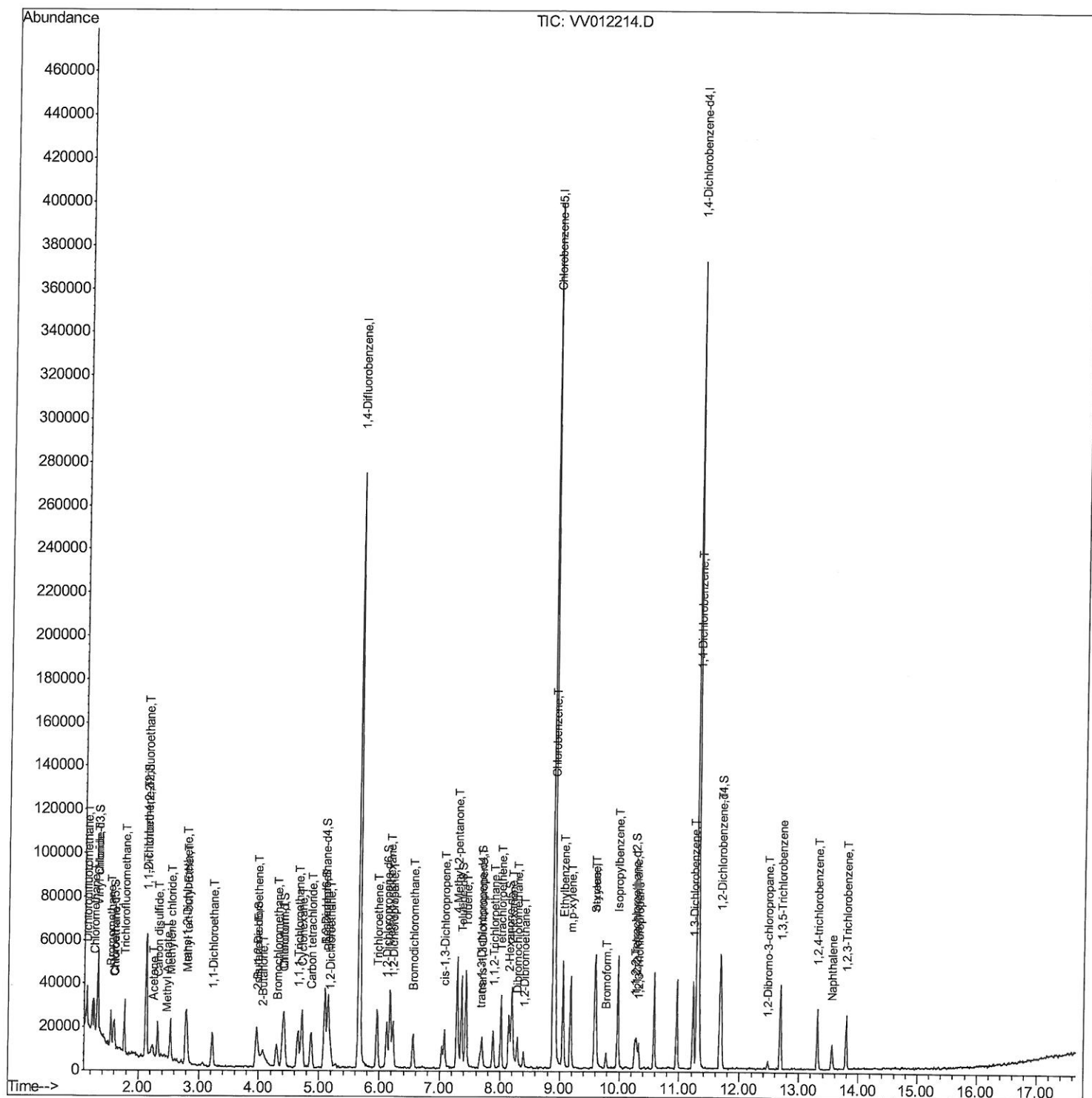
```
Data File : VV012214.D
Acq On    : 13 Aug 2019  14:22
Operator  : SY/MD
Sample    : VSTD0.535
Misc      : 25mL/MSVOA_V/WATER
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.535

Manual Integrations

MMDadoda
8/14/2019 10:33:27 AM

Quant Time: Aug 14 02:09:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 14 02:01:27 2019
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081319\
Quantitation Report (Qedit)

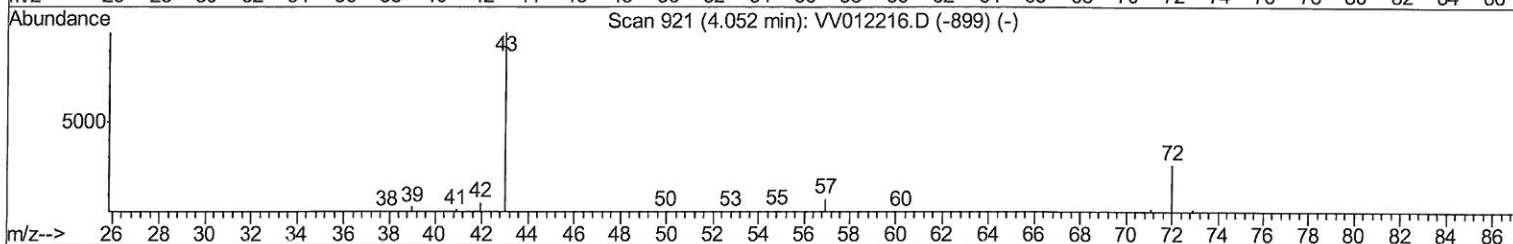
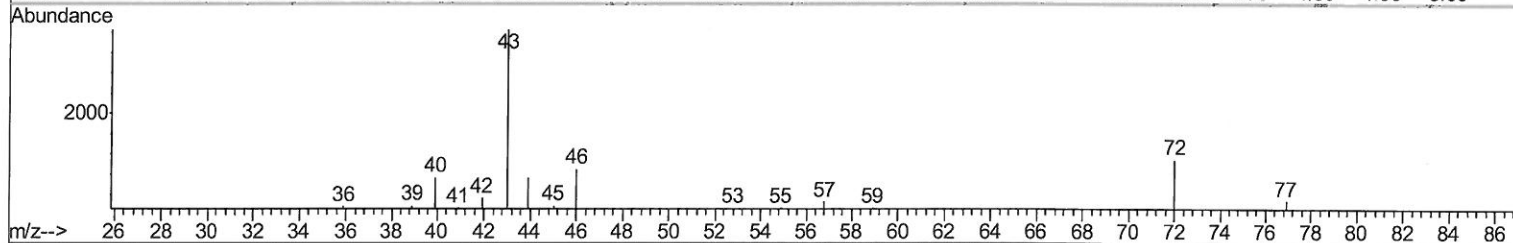
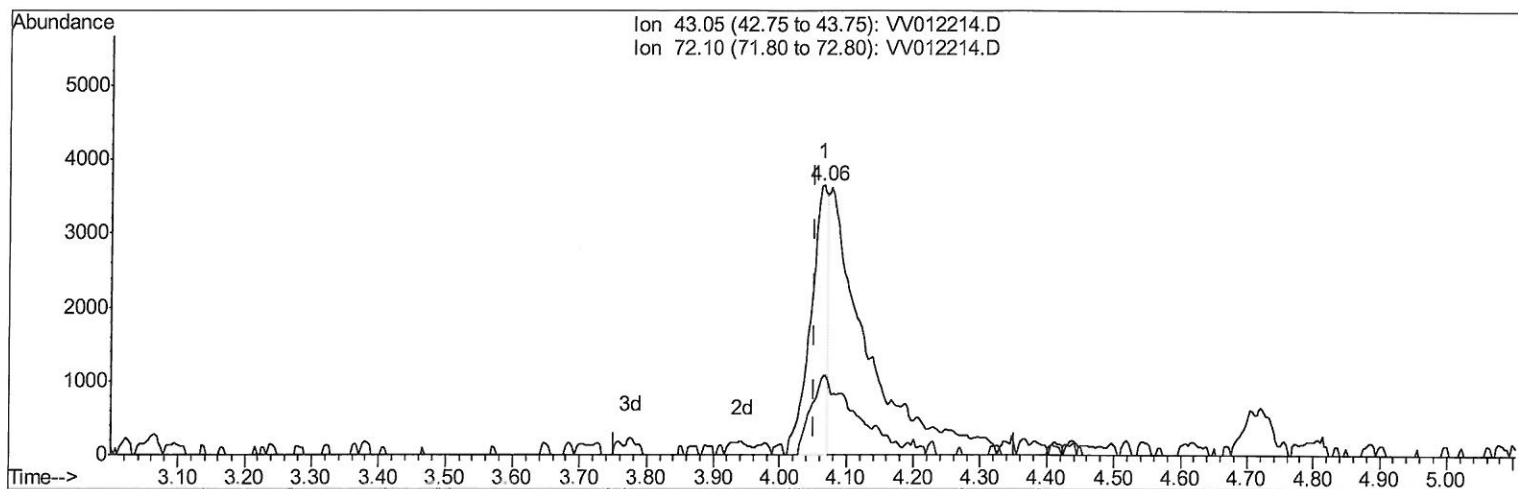
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Operator : SY/MD
Sample : VSTD0.535
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTD0.535

Manual Integrations
APPROVED

MMDadoda
8/14/2019 10:33:27 AM

Quant Time: Aug 14 02:04:05 2019
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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 14 02:01:27 2019
Response via : Initial Calibration



TIC: VV012214.D

(21) 2-Butanone (T)

4.065min (+0.013) 2.29ug/L

response 6651

Ion	Exp%	Act%
43.05	100	100
72.10	25.80	37.72
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081319\
Quantitation Report (Qedit)

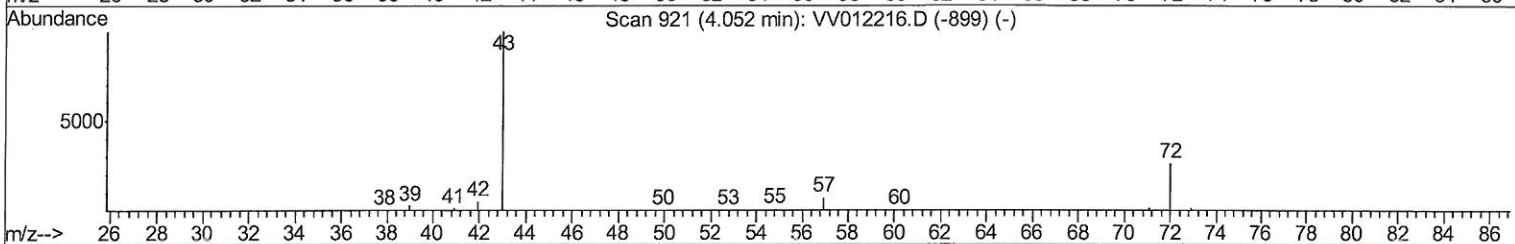
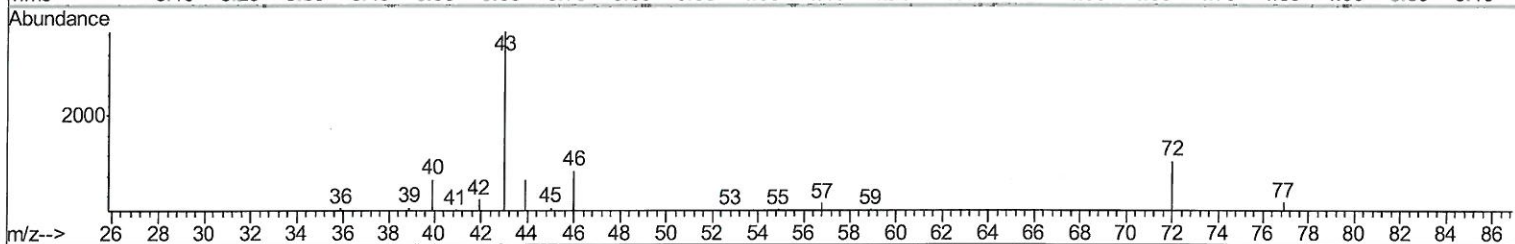
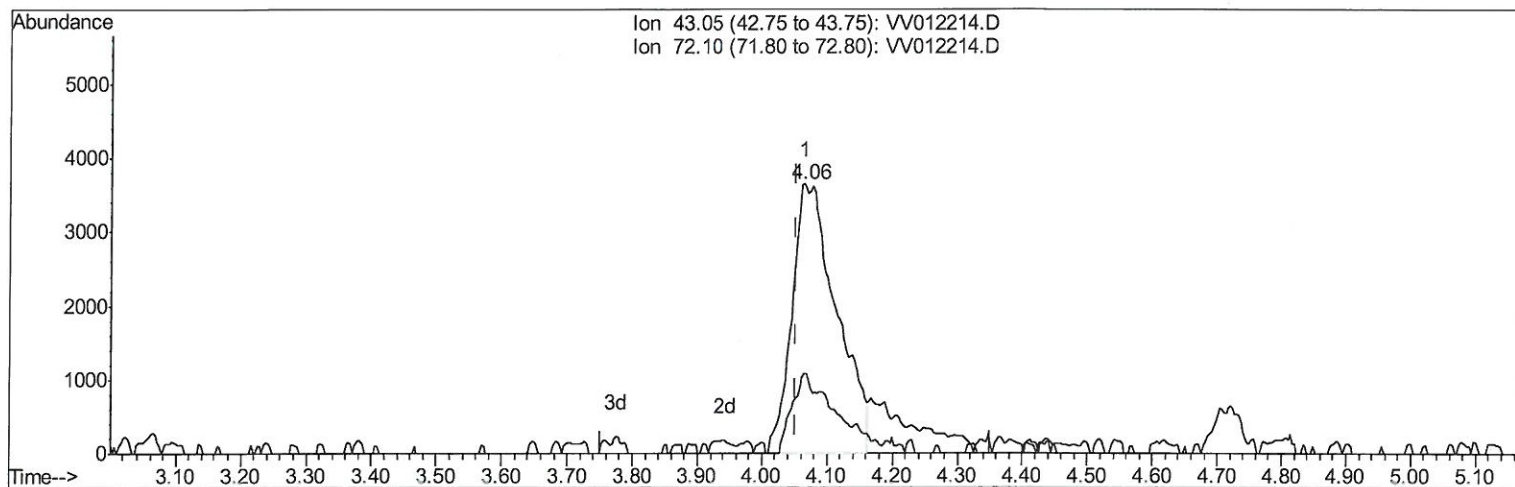
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TIC: VV012214.D

(21) 2-Butanone (T)

4.065min (+0.013) 5.93ug/L m

response 17201

Ion	Exp%	Act%
43.05	100	100
72.10	25.80	14.59
0.00	0.00	0.00
0.00	0.00	0.00

7 mg
8/20/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081319\
Quantitation Report (QT Reviewed)

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Acq On : 13 Aug 2019 14:22
Operator : SY/MD
Sample : VSTD0.535
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
VSTD0.535

Manual Integrations
APPROVED

MMDadoda
8/14/2019 10:33:27 AM

Quant Time: Aug 14 02:09:24 2019
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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 14 02:01:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	232956	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	219163	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	101444	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8848	0.84	ug/L	0.00
7) Chloroethane-d5	1.58	69	6194	0.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	14056	0.69	ug/L	0.00
20) 2-Butanone-d5	3.98	46	15585	5.89	ug/L	0.02
24) Chloroform-d	4.40	84	15522	0.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	7671	0.53	ug/L	0.00
32) Benzene-d6	5.10	84	31270	0.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	9724	0.67	ug/L	0.00
41) Toluene-d8	7.36	98	27571	0.51	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3183	0.45	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	8239	3.60	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	6191	0.53	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	10166	0.56	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	11056	0.498 ug/L	97
3) Chloromethane	1.25	50	10563	0.886 ug/L	98
5) Vinyl chloride	1.32	62	10681	0.802 ug/L	98
6) Bromomethane	1.53	94	6145	0.806 ug/L	96
8) Chloroethane	1.60	64	6252	0.835 ug/L	98
9) Trichlorofluoromethane	1.77	101	13466	0.584 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	7087	0.668 ug/L	96
12) 1,1-Dichloroethene	2.14	96	6834	0.701 ug/L	94
13) Acetone	2.23	43	11195	7.032 ug/L	96
14) Carbon disulfide	2.31	76	17988	0.655 ug/L #	92
15) Methyl Acetate	2.48	43	3260	0.912 ug/L #	66
16) Methylene chloride	2.53	84	7548	0.721 ug/L	94
17) Methyl tert-butyl Ether	2.81	73	15653	0.480 ug/L #	94
18) trans-1,2-Dichloroethene	2.78	96	8029	0.562 ug/L	87
19) 1,1-Dichloroethane	3.23	63	15538	0.643 ug/L	93
21) 2-Butanone	4.06	43	17201m	5.930 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	8962	0.565 ug/L	94
23) Bromochloromethane	4.30	128	3751	0.506 ug/L	96
25) Chloroform	4.42	83	19370	0.647 ug/L	97
27) 1,2-Dichloroethane	5.18	62	9206	0.520 ug/L	95
29) 1,1,1-Trichloroethane	4.65	97	13151	0.483 ug/L	98
30) Cyclohexane	4.71	56	12535	0.597 ug/L	99
31) Carbon tetrachloride	4.87	117	12003	0.461 ug/L	95
33) Benzene	5.14	78	31398	0.556 ug/L	100
34) Trichloroethene	5.96	95	9641	0.590 ug/L	97
35) Methylcyclohexane	6.17	83	12573	0.489 ug/L	97
37) 1,2-Dichloropropane	6.22	63	8356	0.655 ug/L #	97
38) Bromodichloromethane	6.55	83	10769	0.531 ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	10120	0.465 ug/L	92
40) 4-Methyl-2-pentanone	7.28	43	39494	5.474 ug/L	95

7 MD
8/20/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	32400	0.500	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	8072	0.473	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	5400	0.526	ug/L	96
47) Tetrachloroethene	8.02	164	7151	0.468	ug/L	90
48) 2-Hexanone	8.20	43	27213	5.360	ug/L	96
49) Dibromochloromethane	8.29	129	6559	0.446	ug/L	98
50) 1,2-Dibromoethane	8.40	107	5069	0.501	ug/L	89
51) Chlorobenzene	8.92	112	22397	0.517	ug/L	98
52) Ethylbenzene	9.05	91	32402	0.449	ug/L	95
53) m,p-xylene	9.18	106	12319	0.436	ug/L	96
54) o-xylene	9.59	106	11519	0.423	ug/L	98
55) Styrene	9.60	104	17994	0.396	ug/L	100
56) Isopropylbenzene	9.97	105	31251	0.418	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	6095	0.534	ug/L	90
59) 1,2,3-Trichloropropane	10.32	75	4340	0.497	ug/L	92
61) Bromoform	9.78	173	3087	0.403	ug/L	95
62) 1,3-Dichlorobenzene	11.23	146	16923	0.527	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	17257	0.538	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	15721	0.530	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	1097	0.586	ug/L #	75
67) 1,3,5-Trichlorobenzene	12.69	180	12598	0.472	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	8140	0.375	ug/L	99
69) Naphthalene	13.56	128	9807	0.283	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	7713	0.371	ug/L	98

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