

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062118\
Data File : VR025406.D
Acq On : 21 Jun 2018 19:54
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 17 Sample Multiplier: 1

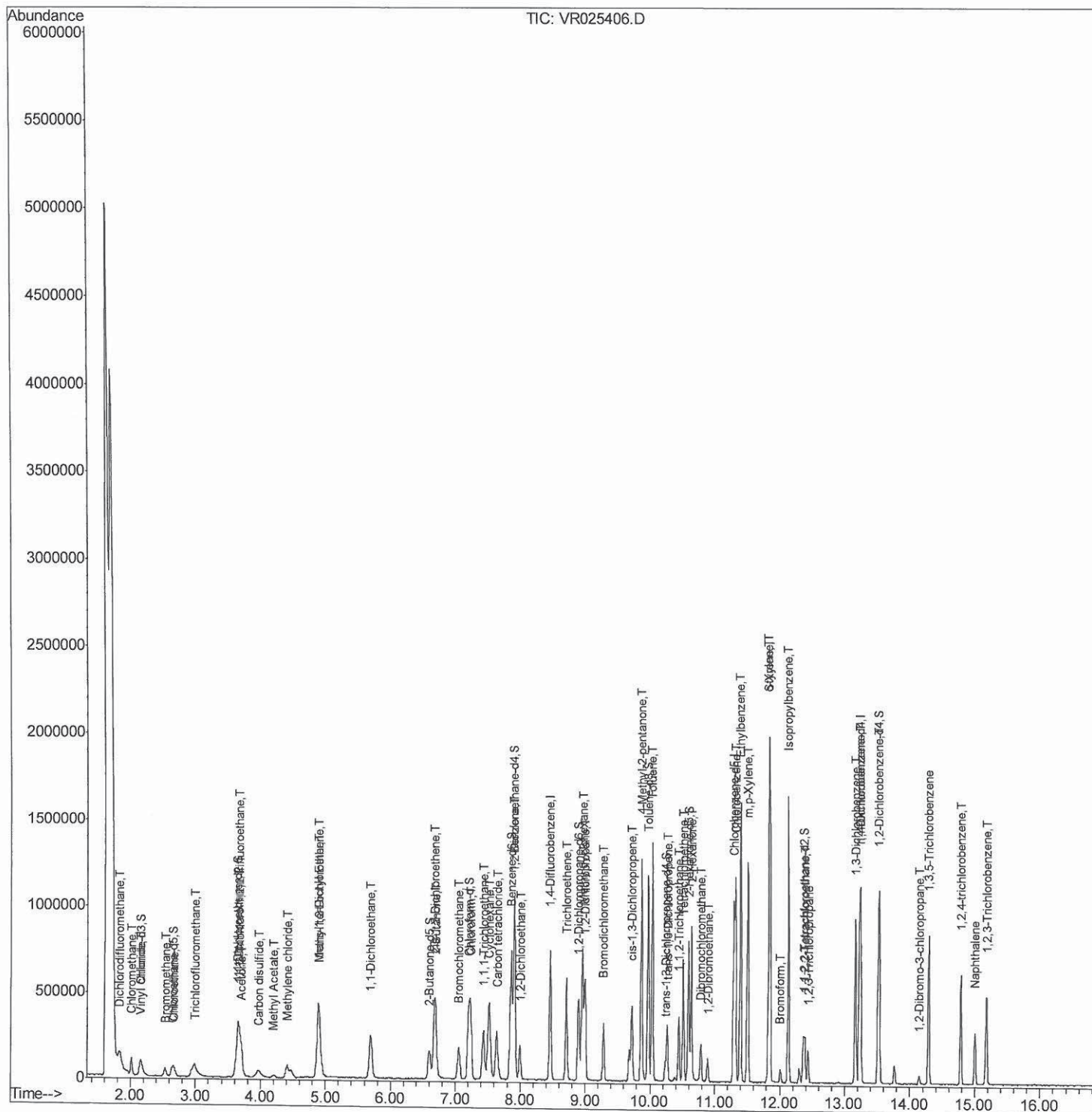
Instrument :
MSVOA_R
LabSampleId :
VSTD00594

Manual Integrations
APPROVED

MMDadoda

6/26/2018 12:01:58 PM

Quant Time: Jun 22 03:03:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 22 02:50:30 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

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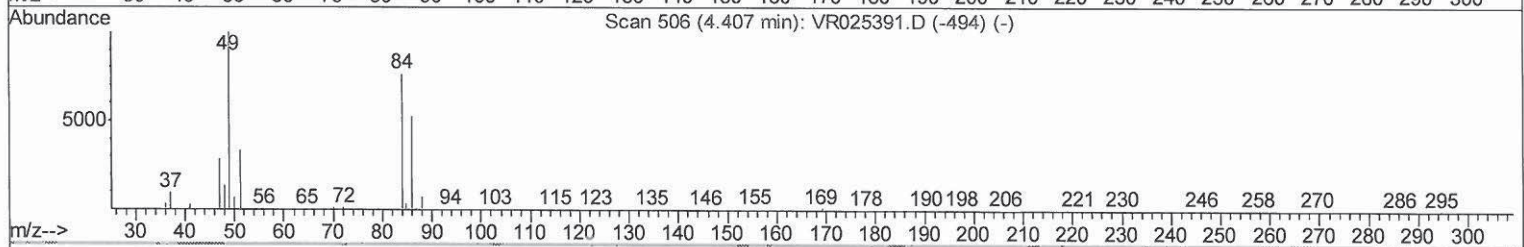
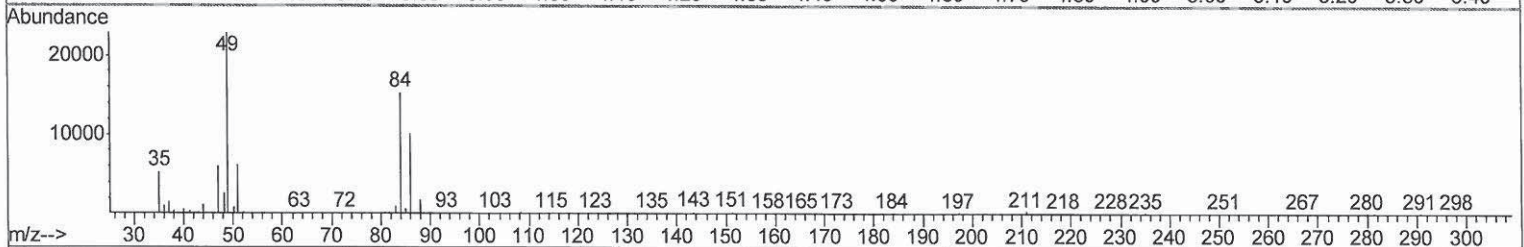
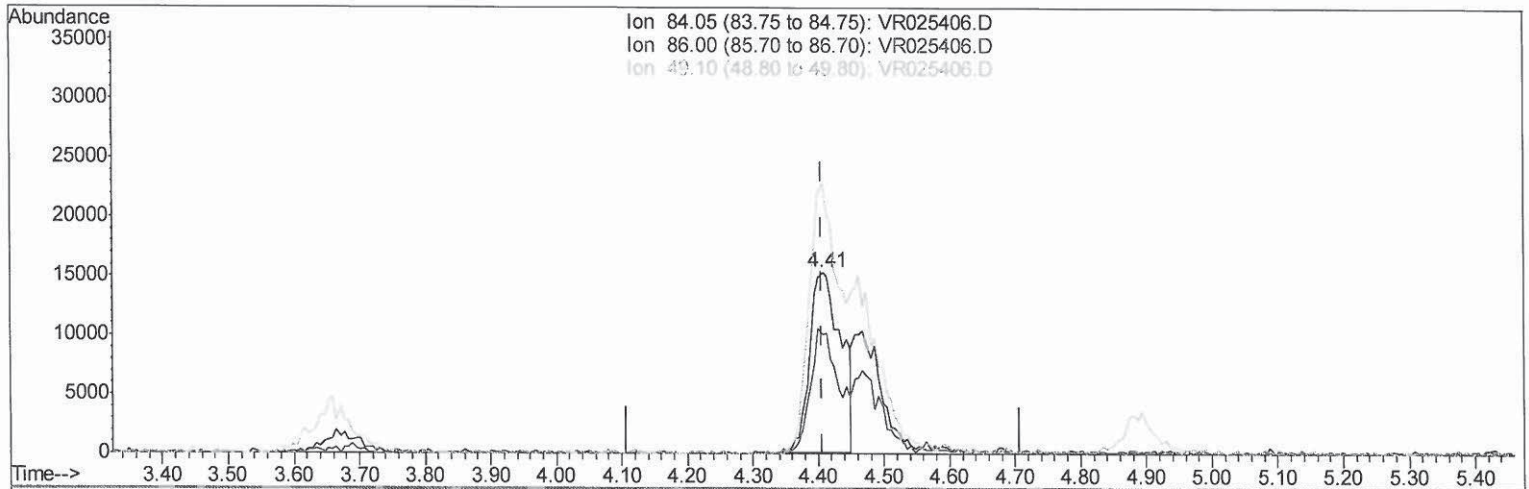
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Quant Time: Jun 22 03:03:24 2018
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TIC: VR025406.D

(16) Methylene chloride (T)

4.407min (+0.000) 2.99ug/L

response 51737

Ion	Exp%	Act%
84.05	100	100
86.00	62.40	65.70
49.10	124.60	149.66
0.00	0.00	0.00

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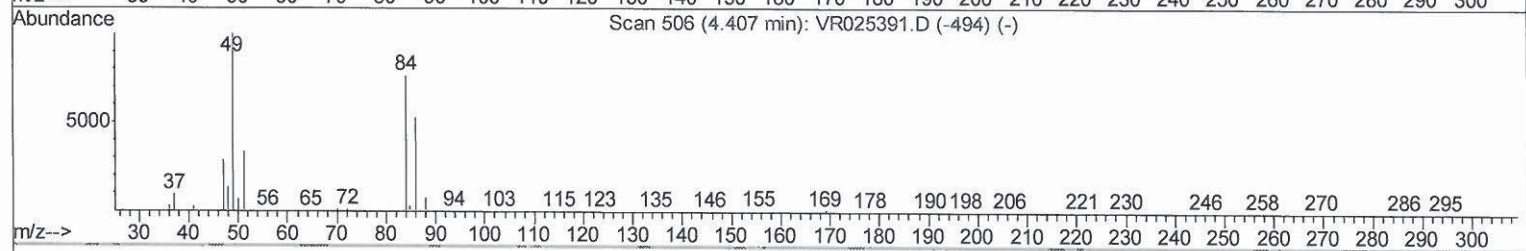
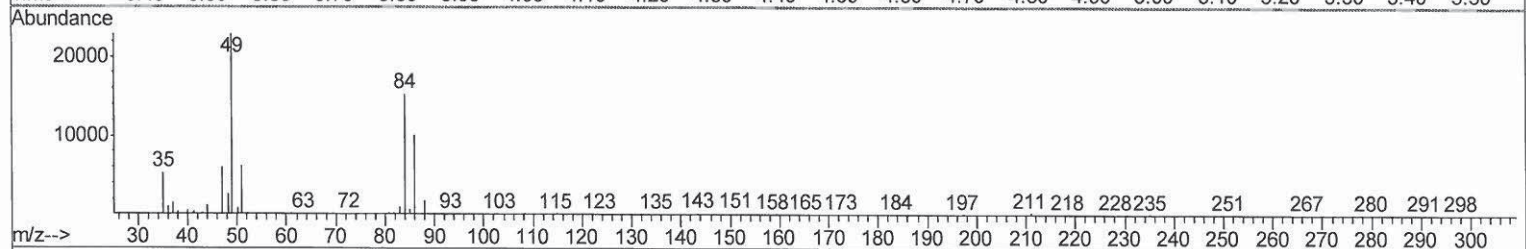
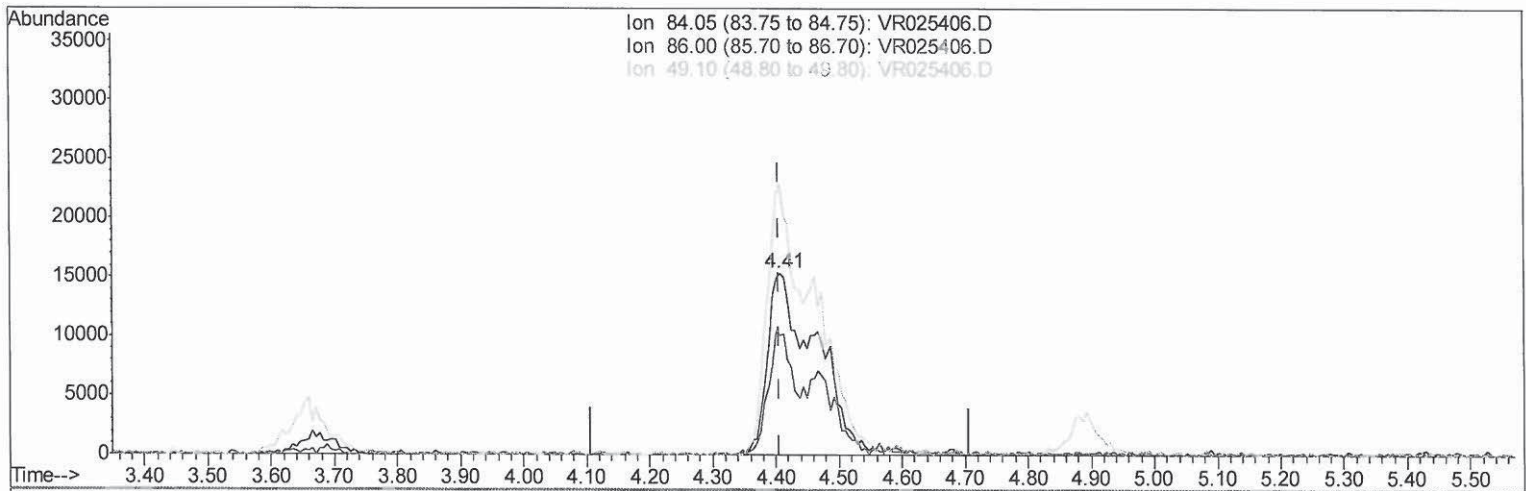
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TIC: VR025406.D

(16) Methylene chloride (T)

4.407min (+0.000) 4.78ug/L m

207/02/18 sy

response 82735

Ion	Exp%	Act%
84.05	100	100
86.00	62.40	65.70
49.10	124.60	149.66
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	541245	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	470048	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	198203	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	84485	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	2.64	69	60669	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	3.64	63	229829	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.00%
20) 2-Butanone-d5	6.60	46	291299	58.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.90%
24) Chloroform-d	7.21	84	365640	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	7.89	65	146909	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	7.86	84	782832	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	8.90	67	230200	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	9.97	98	707506	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	10.24	79	51927	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	10.59	63	262281	62.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.42%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	112047	6.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	127.20%#
64) 1,2-Dichlorobenzene-d4	13.51	152	161303	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	167901	4.799	ug/L 98
3) Chloromethane	2.01	50	98658	3.896	ug/L 95
5) Vinyl chloride	2.16	62	93902	4.190	ug/L 99
6) Bromomethane	2.53	94	38695	3.542	ug/L 99
8) Chloroethane	2.67	64	51076	4.365	ug/L 100
9) Trichlorofluoromethane	2.98	101	178045	5.439	ug/L # 1
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	97835	5.095	ug/L 97
12) 1,1-Dichloroethene	3.66	96	87968	4.624	ug/L 97
13) Acetone	3.71	43	121736	54.547	ug/L 100
14) Carbon disulfide	3.96	76	150844	3.768	ug/L 100
15) Methyl Acetate	4.20	43	25296	4.508	ug/L 98
16) Methylene chloride	4.41	84	82735m	4.780	ug/L 98
17) Methyl tert-butyl Ether	4.90	73	297030	5.237	ug/L 98
18) trans-1,2-Dichloroethene	4.88	96	198121	5.066	ug/L 96
19) 1,1-Dichloroethane	5.69	63	378059	5.145	ug/L 98
21) 2-Butanone	6.69	43	318510	60.381	ug/L 99
22) cis-1,2-Dichloroethene	6.68	96	212416	5.205	ug/L # 92

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23) Bromochloromethane	7.05	128	66734	5.583	ug/L	92
25) Chloroform	7.24	83	365841	5.447	ug/L	100
27) 1,2-Dichloroethane	8.00	62	165277	5.391	ug/L #	91
29) 1,1,1-Trichloroethane	7.43	97	235165	4.212	ug/L	98
30) Cyclohexane	7.52	56	286622	4.021	ug/L	100
31) Carbon tetrachloride	7.64	117	226252	4.616	ug/L	98
33) Benzene	7.91	78	881343	4.775	ug/L	100
34) Trichloroethene	8.71	95	203429	4.556	ug/L	97
35) Methylcyclohexane	8.96	83	309789	4.397	ug/L	98
37) 1,2-Dichloropropane	8.99	63	217159	5.293	ug/L	100
38) Bromodichloromethane	9.28	83	201946	5.076	ug/L	100
39) cis-1,3-Dichloropropene	9.72	75	229201	4.744	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	781693	58.880	ug/L	98
42) Toluene	10.03	91	910023	4.602	ug/L	96
44) trans-1,3-Dichloropropene	10.27	75	158092	4.757	ug/L	93
45) 1,1,2-Trichloroethane	10.44	97	102838	5.400	ug/L	96
47) Tetrachloroethene	10.51	164	134517	4.513	ug/L	94
48) 2-Hexanone	10.64	43	528867	62.492	ug/L	97
49) Dibromochloromethane	10.78	129	94834	5.172	ug/L	98
50) 1,2-Dibromoethane	10.89	107	79206	5.188	ug/L	96
51) Chlorobenzene	11.31	112	525862	4.965	ug/L	99
52) Ethylbenzene	11.39	91	1010384	5.150	ug/L	96
53) m,p-Xylene	11.50	106	366096	4.887	ug/L	96
54) o-Xylene	11.83	106	350682	5.239	ug/L	95
55) Styrene	11.84	104	583947	5.676	ug/L	96
56) Isopropylbenzene	12.13	105	930146	5.168	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	111313	6.311	ug/L #	95
59) 1,2,3-Trichloropropane	12.44	75	75207	5.908	ug/L	98
61) Bromoform	12.01	173	30124	4.261	ug/L	94
62) 1,3-Dichlorobenzene	13.16	146	321731	4.625	ug/L	99
63) 1,4-Dichlorobenzene	13.24	146	347781	5.001	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	285446	5.121	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.14	75	11692	5.308	ug/L #	63
67) 1,3,5-Trichlorobenzene	14.29	180	222371	4.827	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	155219	4.840	ug/L	99
69) Naphthalene	15.00	128	210713	5.048	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	133537	5.380	ug/L	97

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