

(QT Reviewed)

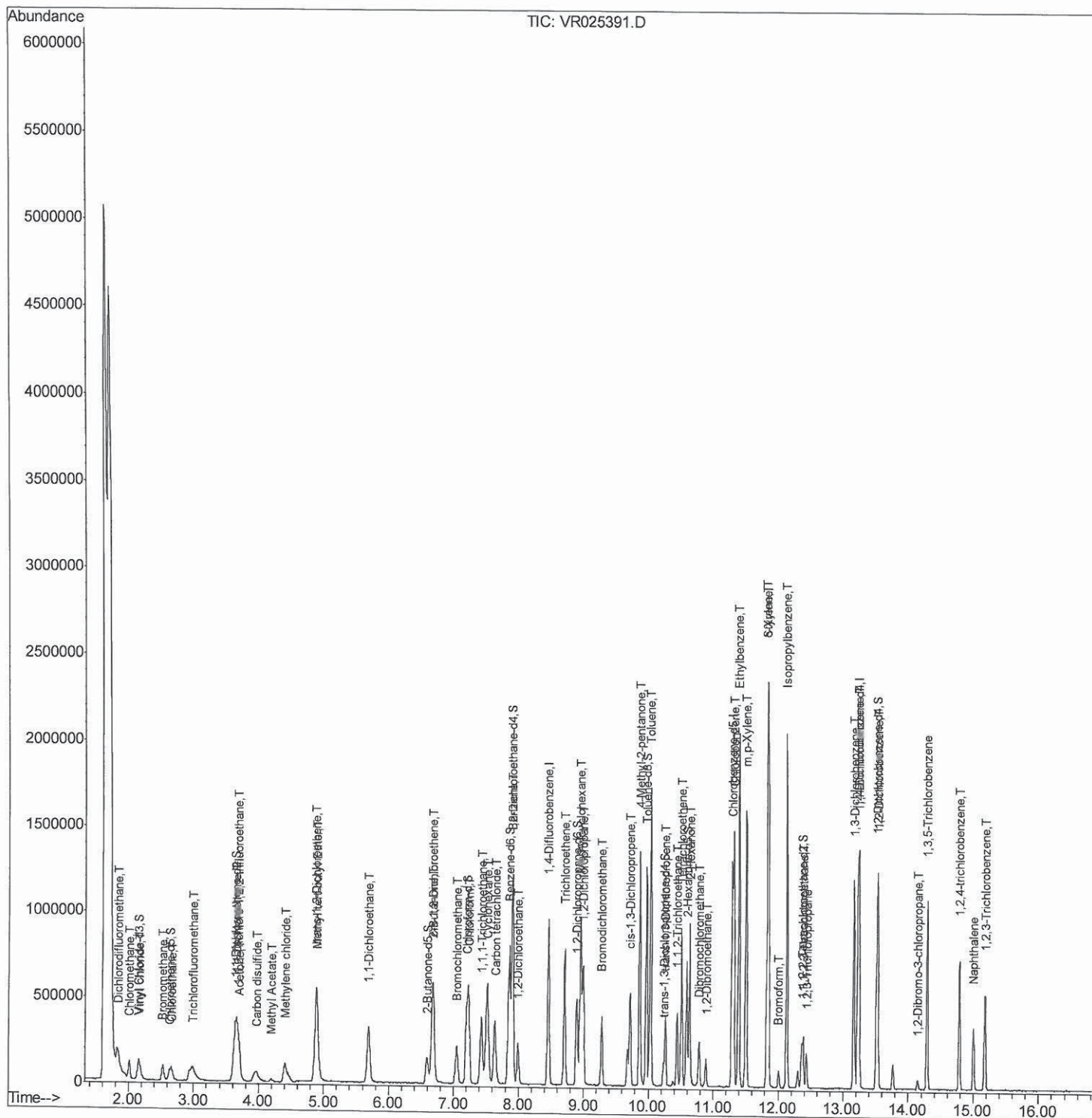
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Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062118\  
Data File : VR025391.D  
Acq On : 21 Jun 2018 10:12  
Operator : SY/MD  
Sample : VSTDCCC005  
Misc : 25mL/MSVOA_R/WATER  
ALS Vial : 2 Sample Multiplier: 1
```

Instrument :
MSVOA_R
LabSampleId :
VSTD00593

Manual Integrations

MMDadoda
6/26/2018 12:01:56 PM

Quant Time: Jun 22 02:47:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 21 01:40:03 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

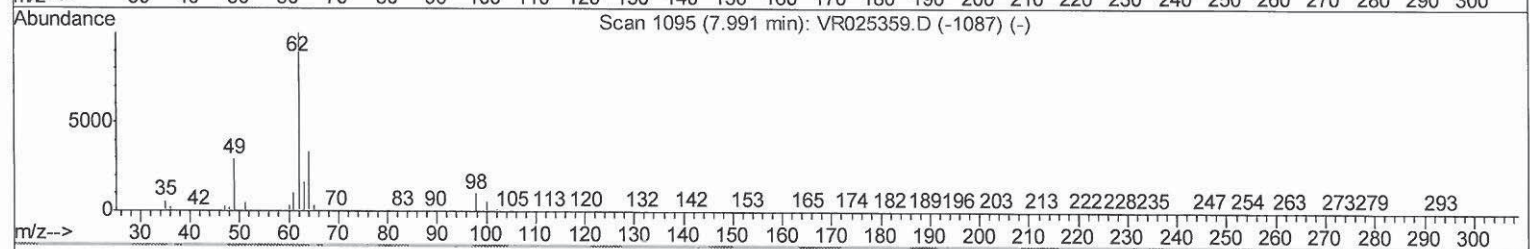
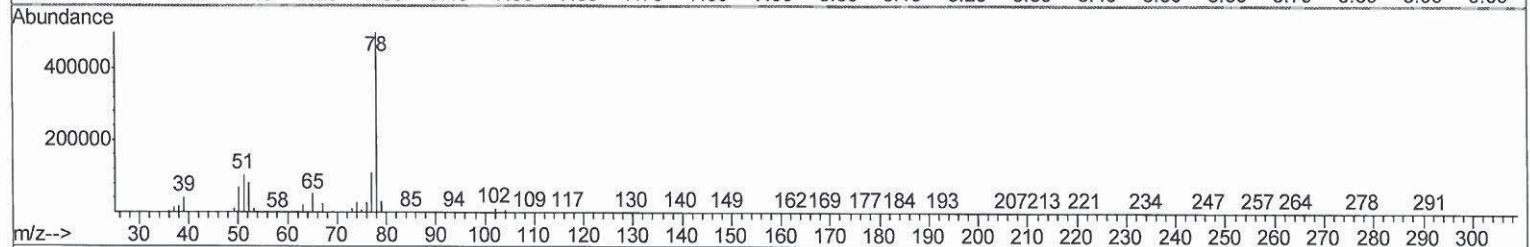
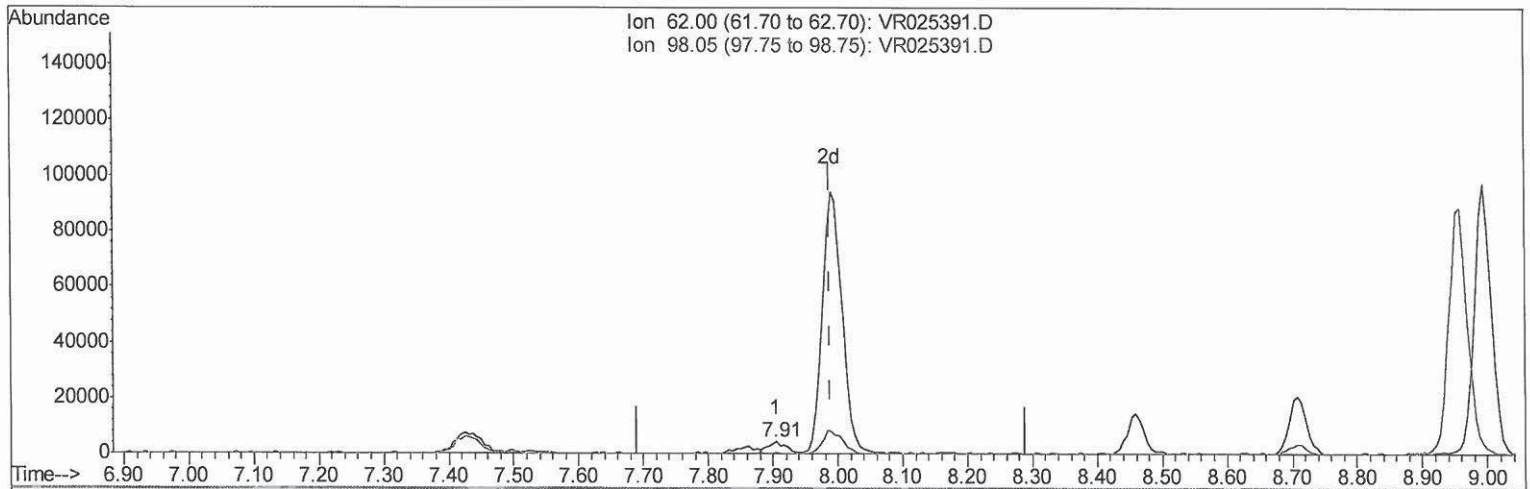
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LabSampled :
 VSTD00593

Manual Integrations
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Quant Time: Jun 22 02:44:00 2018
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TIC: VR025391.D

(27) 1,2-Dichloroethane (T)

7.905min (-0.085) 0.19ug/L

response 7661

Ion	Exp%	Act%
62.00	100	100
98.05	6.80	7.39
0.00	0.00	0.00
0.00	0.00	0.00

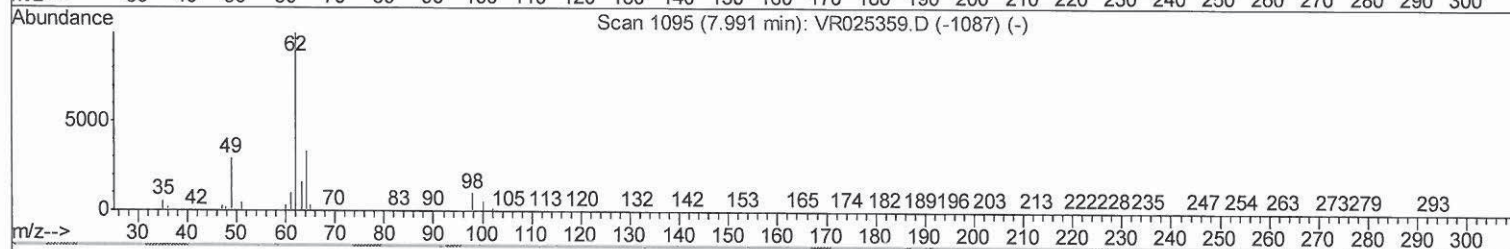
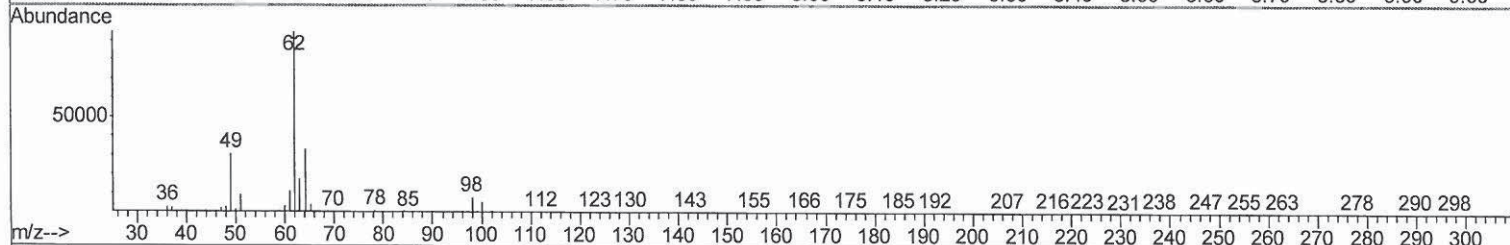
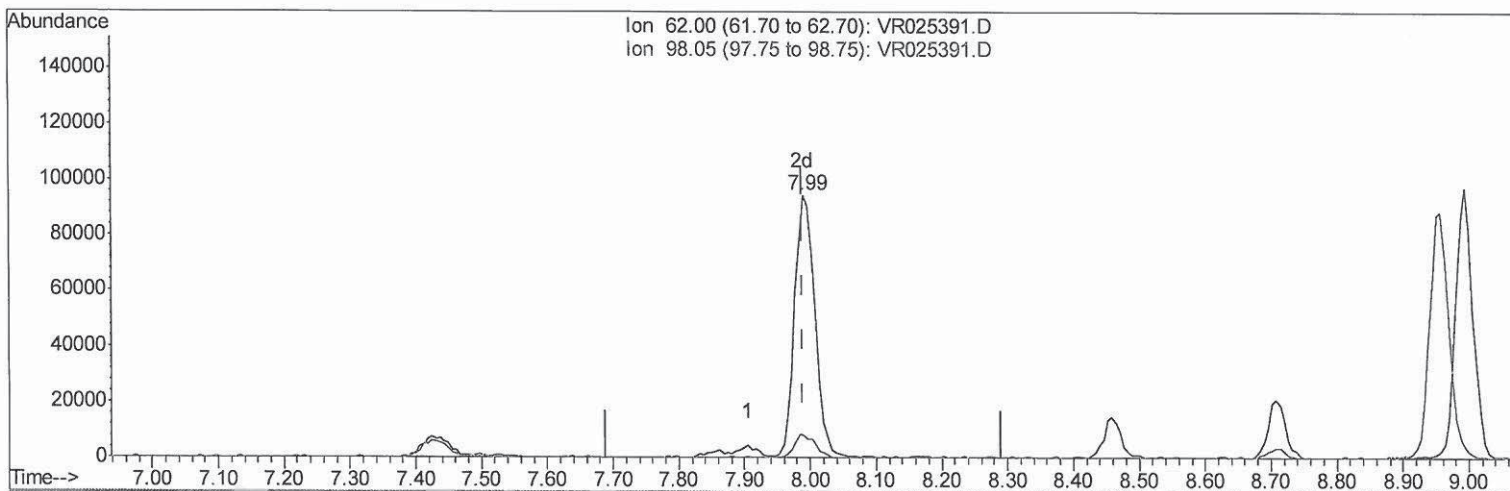
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TIC: VR025391.D

(27) 1,2-Dichloroethane (T)

7.990min (-0.000) 4.88ug/L m

response 200140

Ion	Exp%	Act%
62.00	100	100
98.05	6.80	8.59#
0.00	0.00	0.00
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	724067	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	587341	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	246416	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	94133	3.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	76.40%		
7) Chloroethane-d5	2.63	69	71863	3.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	79.20%		
11) 1,1-Dichloroethene-d2	3.63	63	271908	4.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	85.80%		
20) 2-Butanone-d5	6.60	46	261876	39.61	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	79.22%		
24) Chloroform-d	7.20	84	405542	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	88.00%		
26) 1,2-Dichloroethane-d4	7.89	65	145982	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	82.80%		
32) Benzene-d6	7.86	84	861104	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	86.40%		
36) 1,2-Dichloropropane-d6	8.90	67	244558	4.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	86.40%		
41) Toluene-d8	9.97	98	771300	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	87.60%		
43) trans-1,3-Dichloropropene-	10.24	79	58585	3.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	77.80%		
46) 2-Hexanone-d5	10.59	63	232451	44.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	88.96%		
57) 1,1,2,2-Tetrachloroethane-	12.36	84	103171	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	93.80%		
64) 1,2-Dichlorobenzene-d4	13.51	152	170385	4.08	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	81.60%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	219789	4.696 ug/L	100
3) Chloromethane	2.01	50	127679	3.769 ug/L	97
5) Vinyl chloride	2.16	62	119022	3.970 ug/L	91
6) Bromomethane	2.53	94	67918	4.647 ug/L	90
8) Chloroethane	2.67	64	68147	4.354 ug/L	100
9) Trichlorofluoromethane	2.98	101	226020	5.161 ug/L	# 36
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	121093	4.714 ug/L	97
12) 1,1-Dichloroethene	3.66	96	114471	4.497 ug/L	86
13) Acetone	3.70	43	142307	47.665 ug/L	100
14) Carbon disulfide	3.96	76	220020	4.109 ug/L	96
15) Methyl Acetate	4.20	43	30029	4.000 ug/L	95
16) Methylene chloride	4.41	84	100618	4.345 ug/L	92
17) Methyl tert-butyl Ether	4.90	73	346238	4.563 ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	259221	4.954 ug/L	87
19) 1,1-Dichloroethane	5.69	63	483845	4.922 ug/L	99
21) 2-Butanone	6.69	43	352172	49.906 ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	274466	5.027 ug/L	# 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	79032	4.943	ug/L	97
25) Chloroform	7.23	83	455567	5.070	ug/L	97
27) 1,2-Dichloroethane	7.99	62	200140m	4.880	ug/L	97
29) 1,1,1-Trichloroethane	7.42	97	333724	4.784	ug/L	99
30) Cyclohexane	7.52	56	391332	4.394	ug/L	100
31) Carbon tetrachloride	7.64	117	292993	4.783	ug/L	94
33) Benzene	7.91	78	1120495	4.859	ug/L	100
34) Trichloroethene	8.71	95	260870	4.676	ug/L	97
35) Methylcyclohexane	8.96	83	399890	4.542	ug/L	99
37) 1,2-Dichloropropane	8.99	63	258771	5.048	ug/L	99
38) Bromodichloromethane	9.28	83	251254	5.054	ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	290562	4.813	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	837627	50.493	ug/L	98
42) Toluene	10.03	91	1143482	4.627	ug/L	98
44) trans-1,3-Dichloropropene	10.27	75	202479	4.876	ug/L	99
45) 1,1,2-Trichloroethane	10.44	97	119426	5.018	ug/L	97
47) Tetrachloroethene	10.51	164	178527	4.793	ug/L	95
48) 2-Hexanone	10.63	43	569078	53.815	ug/L	97
49) Dibromochloromethane	10.78	129	118337	5.165	ug/L	99
50) 1,2-Dibromoethane	10.89	107	94884	4.973	ug/L	89
51) Chlorobenzene	11.31	112	652199	4.928	ug/L	98
52) Ethylbenzene	11.39	91	1278054	5.213	ug/L	99
53) m,p-Xylene	11.50	106	477985	5.107	ug/L	94
54) o-Xylene	11.83	106	436272	5.216	ug/L	99
55) Styrene	11.84	104	710608	5.528	ug/L	96
56) Isopropylbenzene	12.13	105	1200229	5.336	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	121642	5.519	ug/L #	97
59) 1,2,3-Trichloropropane	12.44	75	80466	5.059	ug/L	98
61) Bromoform	12.01	173	38780	4.413	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	404813	4.681	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	416441	4.816	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	339750	4.902	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.14	75	11939	4.360	ug/L #	56
67) 1,3,5-Trichlorobenzene	14.29	180	279283	4.876	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	188943	4.739	ug/L	97
69) Naphthalene	15.00	128	246731	4.754	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	147504	4.780	ug/L	99

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