Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071818\
Data File : VV006628.D
Acq On : 18 Jul 2018 11:54
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 19 02:36:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 17 15:32:48 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTD00562

Manual Integrations APPROVED
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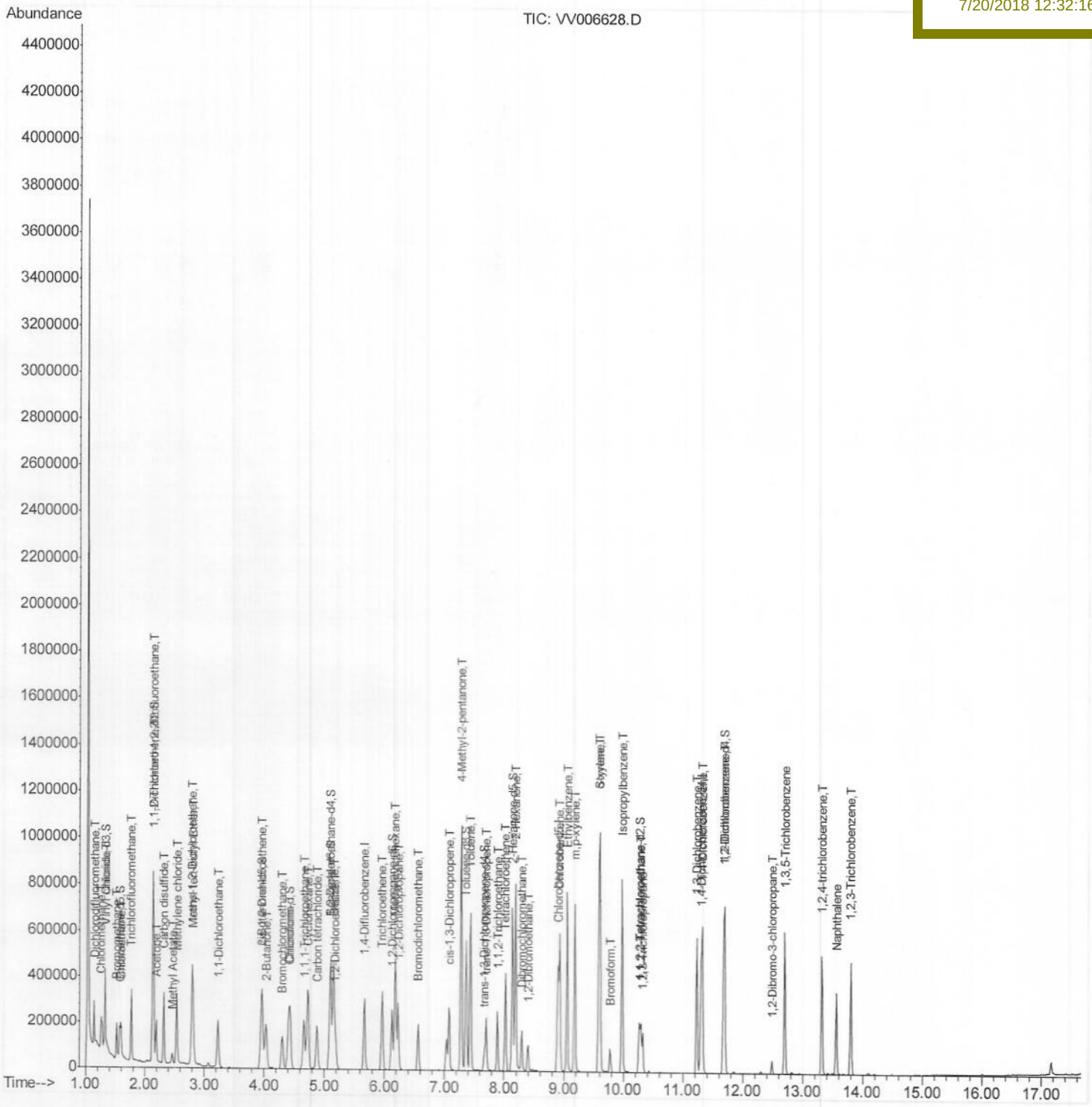
7/20/2018 12:32:16 PM



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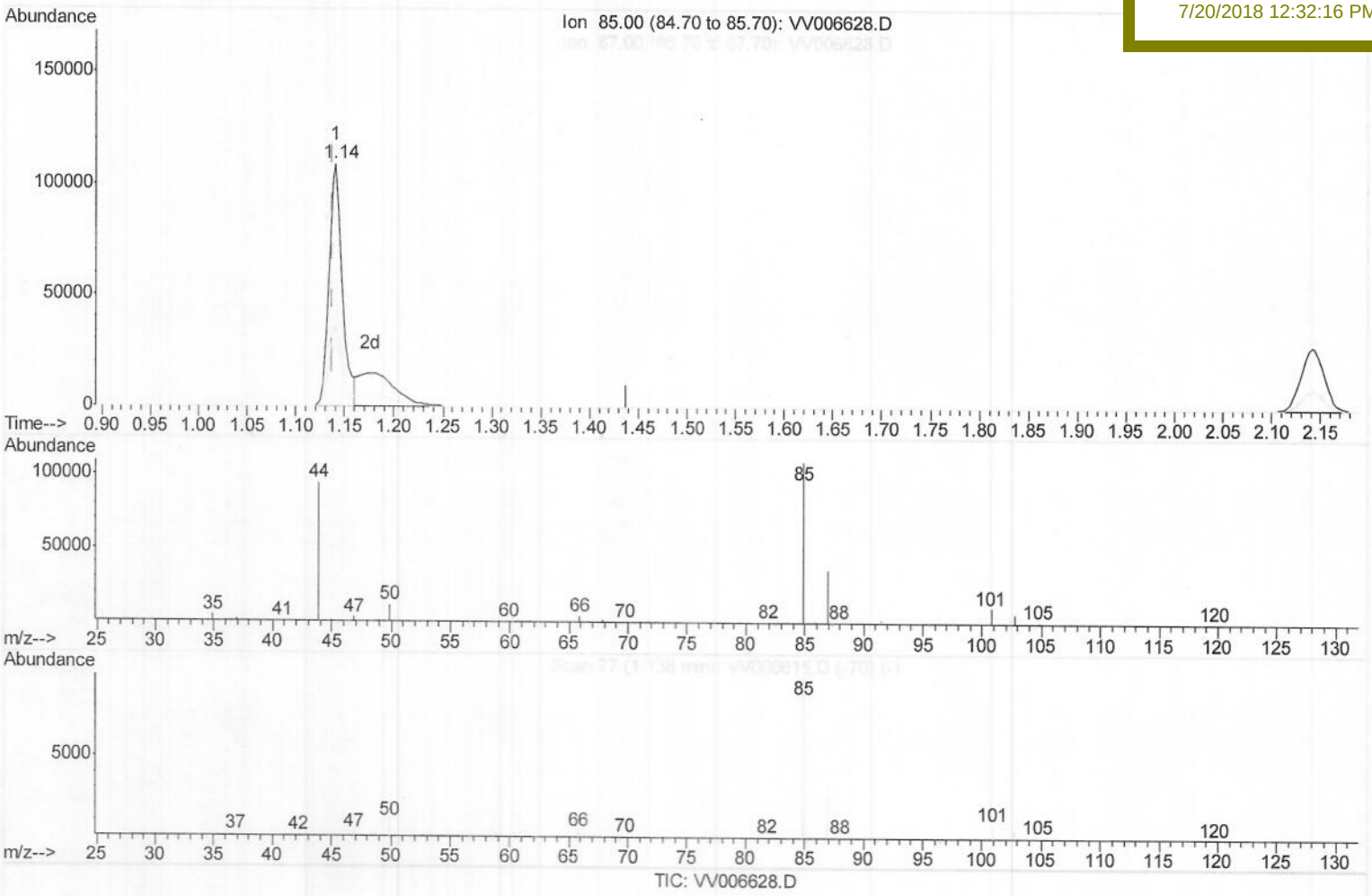

(2) Dichlorodifluoromethane (T)

1.141min (+0.003) 3.80ug/L

response 103676

Ion	Exp%	Act%
85.00	100	100
87.00	22.90	33.16#
0.00	0.00	0.00
0.00	0.00	0.00

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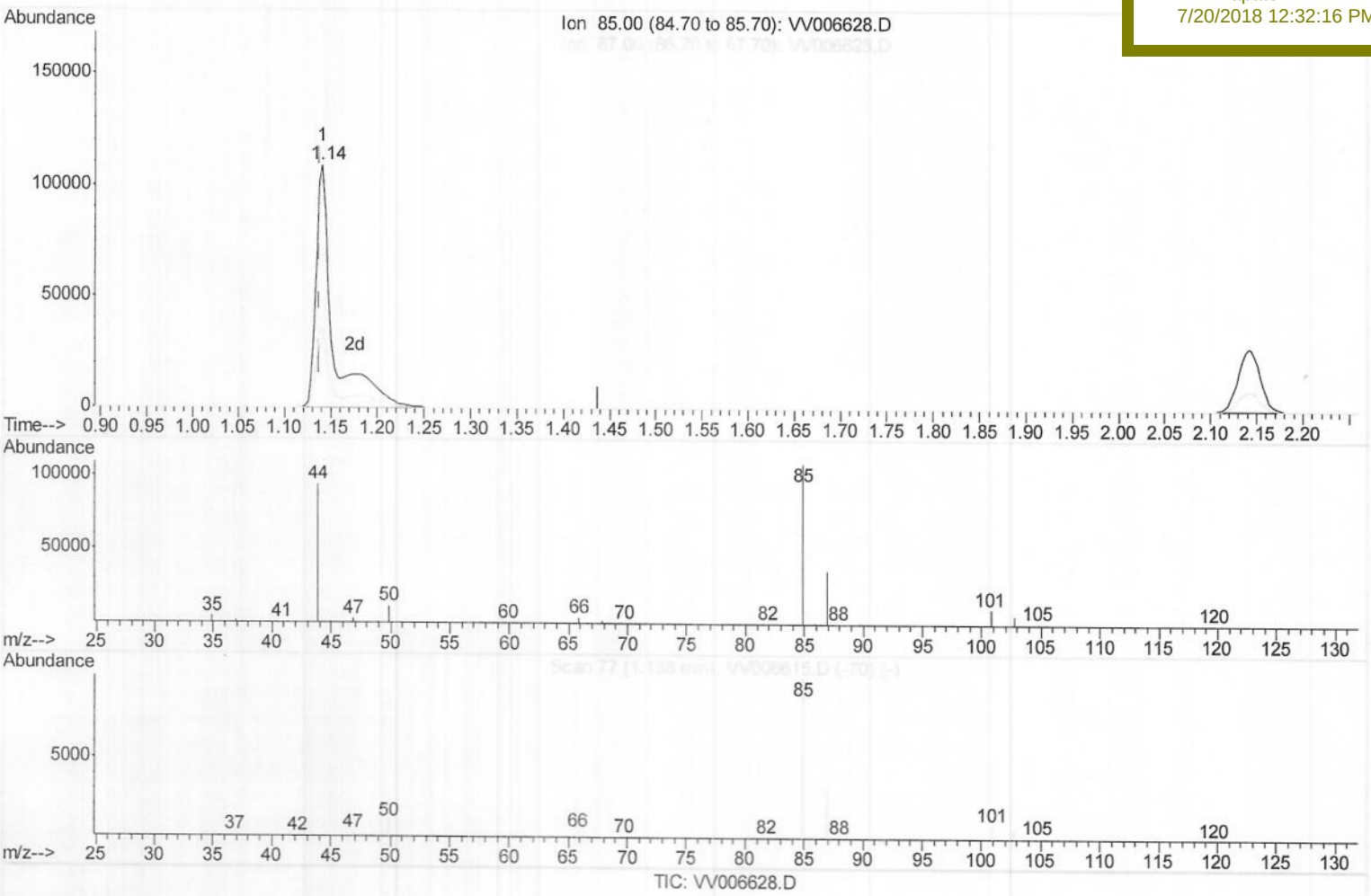

TIC: VV006628.D

(2) Dichlorodifluoromethane (T)

1.141min (+0.003) 5.22ug/L m

response 142200

MD 07/28/18

Ion	Exp%	Act%
85.00	100	100
87.00	22.90	24.17
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	5.67	114	268446	5.00 ug/L	0.00
28) Chlorobenzene-d5	8.90	117	247420	5.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	123550	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.32	65	117825	4.51 ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.20%		
7) Chloroethane-d5	1.58	69	86266	4.55 ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.00%		
11) 1,1-Dichloroethene-d2	2.13	63	205973	4.68 ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.60%		
20) 2-Butanone-d5	3.95	46	185329	51.57 ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.14%		
24) Chloroform-d	4.40	84	199243	4.84 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%		
26) 1,2-Dichloroethane-d4	5.09	65	97427	4.84 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%		
32) Benzene-d6	5.10	84	414983	4.86 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%		
36) 1,2-Dichloropropane-d6	6.12	67	130687	4.88 ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%		
41) Toluene-d8	7.36	98	379075	4.86 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%		
43) trans-1,3-Dichloropropene-	7.67	79	46229	5.00 ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.00%		
46) 2-Hexanone-d5	8.14	63	248378	50.19 ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.38%		
57) 1,1,2,2-Tetrachloroethane-	10.27	84	102336	4.91 ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.20%		
64) 1,2-Dichlorobenzene-d4	11.68	152	139694	4.76 ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.20%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.14	85	142200m	5.215 ug/L	
3) Chloromethane	1.26	50	179706	5.935 ug/L	99
5) Vinyl chloride	1.32	62	158004	4.898 ug/L	99
6) Bromomethane	1.52	94	59475	4.638 ug/L	97
8) Chloroethane	1.59	64	91814	5.068 ug/L	100
9) Trichlorofluoromethane	1.77	101	181236	5.132 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	113078	5.358 ug/L	99
12) 1,1-Dichloroethene	2.14	96	107598	5.004 ug/L	97
13) Acetone	2.19	43	166603	46.444 ug/L	100
14) Carbon disulfide	2.32	76	345243	5.212 ug/L	99
15) Methyl Acetate	2.46	43	49295	4.449 ug/L	99
16) Methylene chloride	2.54	84	127467	4.741 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	266011	4.797 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	118731	5.023 ug/L	99
19) 1,1-Dichloroethane	3.23	63	212459	4.829 ug/L	99
21) 2-Butanone	4.03	43	292674	46.580 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	125129	5.046 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	49260	4.876	ug/L	98
25) Chloroform	4.43	83	204985	4.988	ug/L	99
27) 1,2-Dichloroethane	5.19	62	118721	4.873	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	167644	5.163	ug/L	100
30) Cyclohexane	4.73	56	190018	5.485	ug/L	100
31) Carbon tetrachloride	4.88	117	142579	5.297	ug/L	100
33) Benzene	5.15	78	478138	5.110	ug/L	100
34) Trichloroethene	5.96	95	119544	5.208	ug/L	99
35) Methylcyclohexane	6.18	83	207354	5.714	ug/L	100
37) 1,2-Dichloropropane	6.23	63	120857	5.123	ug/L	100
38) Bromodichloromethane	6.56	83	133657	5.038	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	165104	5.289	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	664722	48.899	ug/L	99
42) Toluene	7.43	91	501664	5.261	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	129001	5.325	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	81419	4.917	ug/L	97
47) Tetrachloroethene	8.02	164	98123	5.354	ug/L	99
48) 2-Hexanone	8.19	43	471742	48.644	ug/L	100
49) Dibromochloromethane	8.30	129	86416	5.147	ug/L	100
50) 1,2-Dibromoethane	8.40	107	72049	4.889	ug/L	96
51) Chlorobenzene	8.93	112	320236	5.164	ug/L	99
52) Ethylbenzene	9.06	91	545042	5.408	ug/L	99
53) m,p-xylene	9.19	106	209410	5.408	ug/L	99
54) o-xylene	9.59	106	203707	5.404	ug/L	99
55) Styrene	9.61	104	348958	5.396	ug/L	99
56) Isopropylbenzene	9.98	105	538884	5.587	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	100370	4.898	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	70988	4.833	ug/L	99
61) Bromoform	9.78	173	44251	4.836	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	243146	5.129	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	246406	5.094	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	231088	4.945	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	13561	4.618	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	193181	5.284	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	157795	5.198	ug/L	100
69) Naphthalene	13.56	128	276483	4.907	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	146465	5.073	ug/L	99

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