

(QT Reviewed)

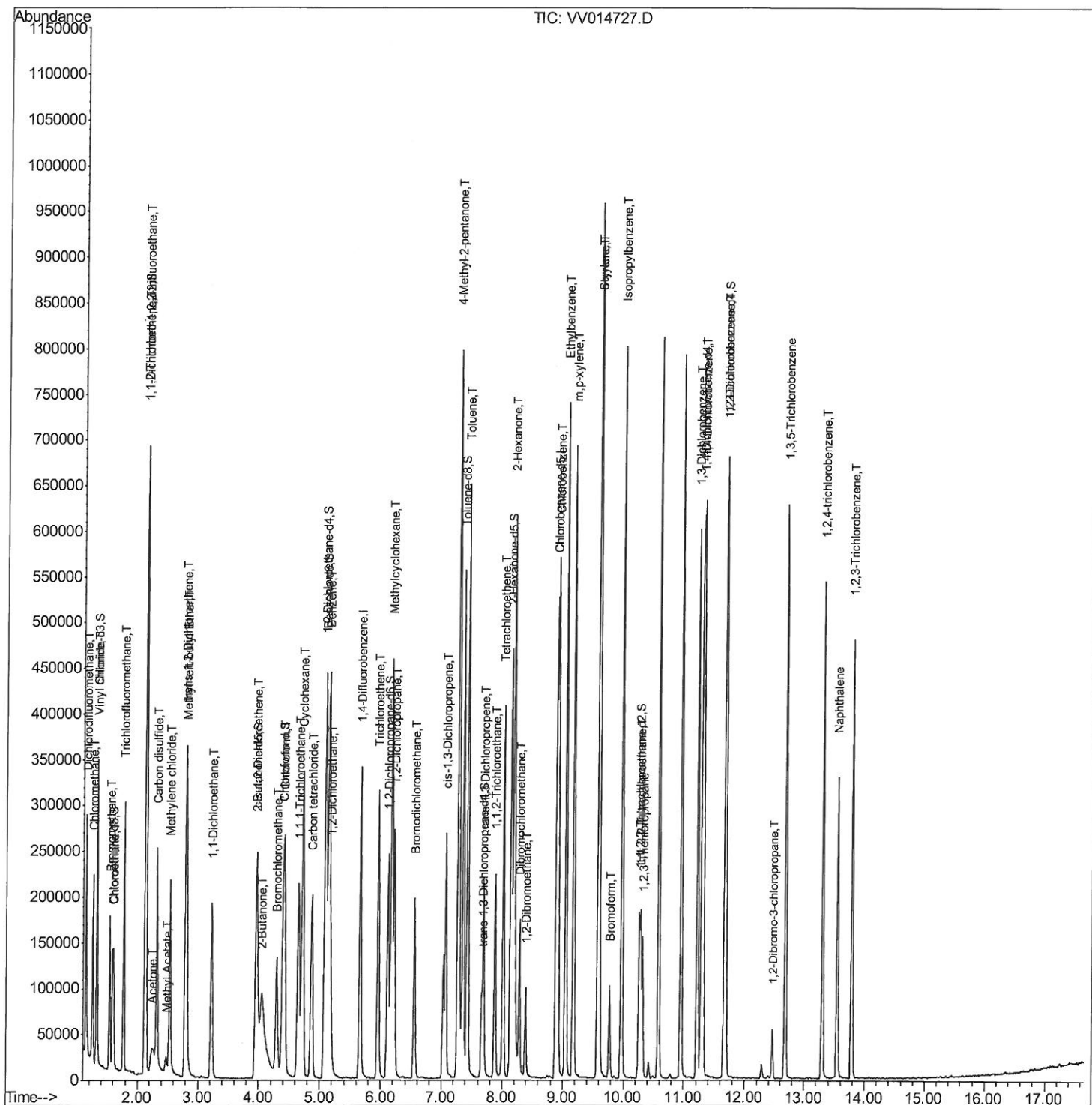
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030220\
Data File : VV014727.D
Acq On : 02 Mar 2020 13:12
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTD00558

Manual Integrations
APPROVED

MMDadoda
3/3/2020 12:01:24 PM

Quant Time: Mar 03 01:03:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 03 00:49:47 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

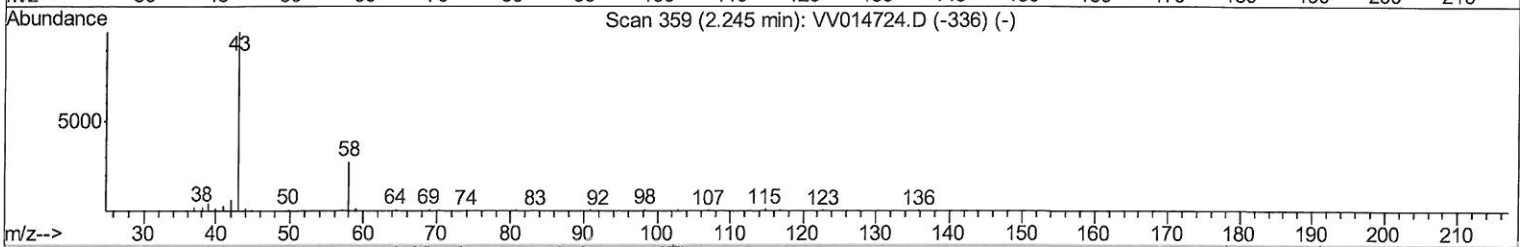
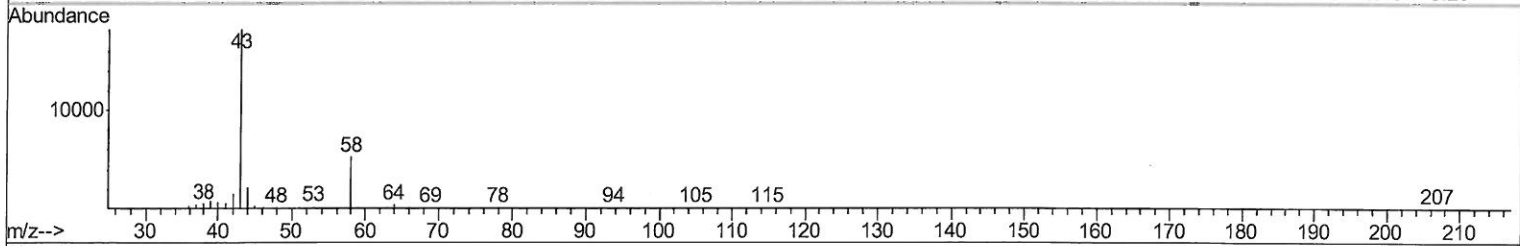
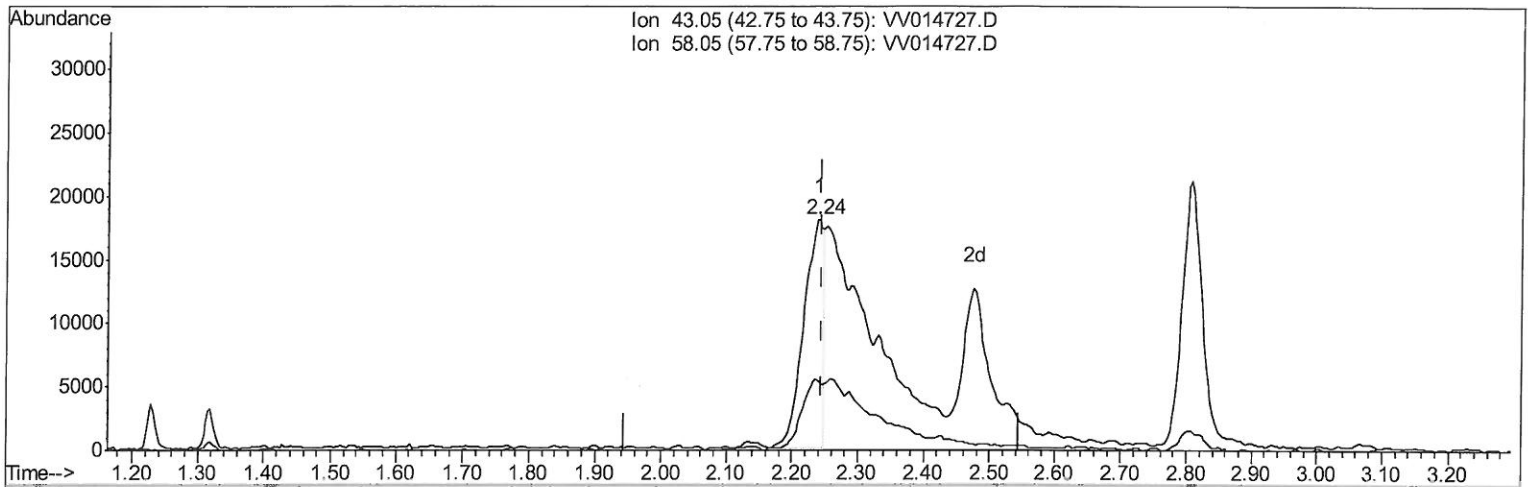
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TIC: VV014727.D

(13) Acetone (T)

2.241min (-0.003) 12.20ug/L

response 37788

Ion	Exp%	Act%
43.05	100	100
58.05	10.00	30.52#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

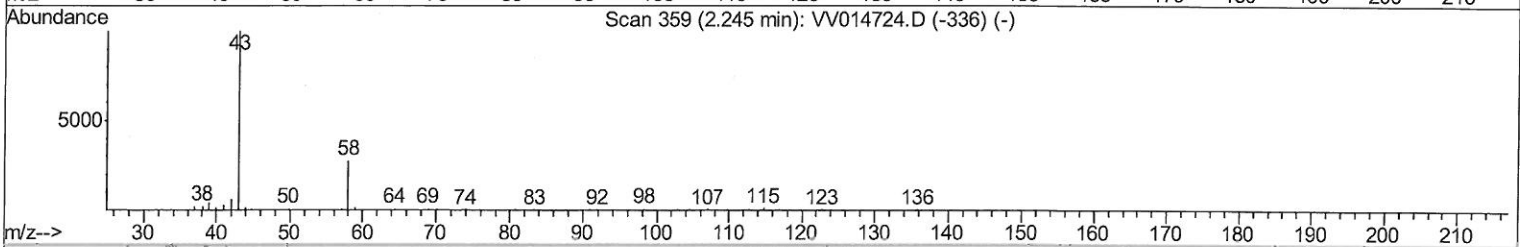
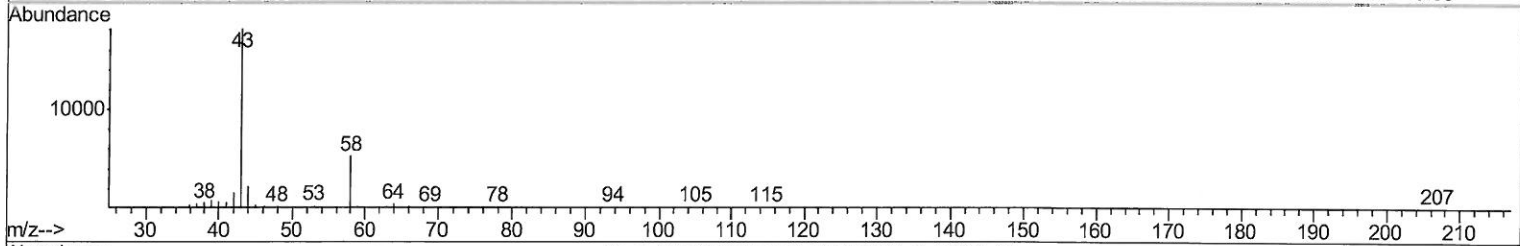
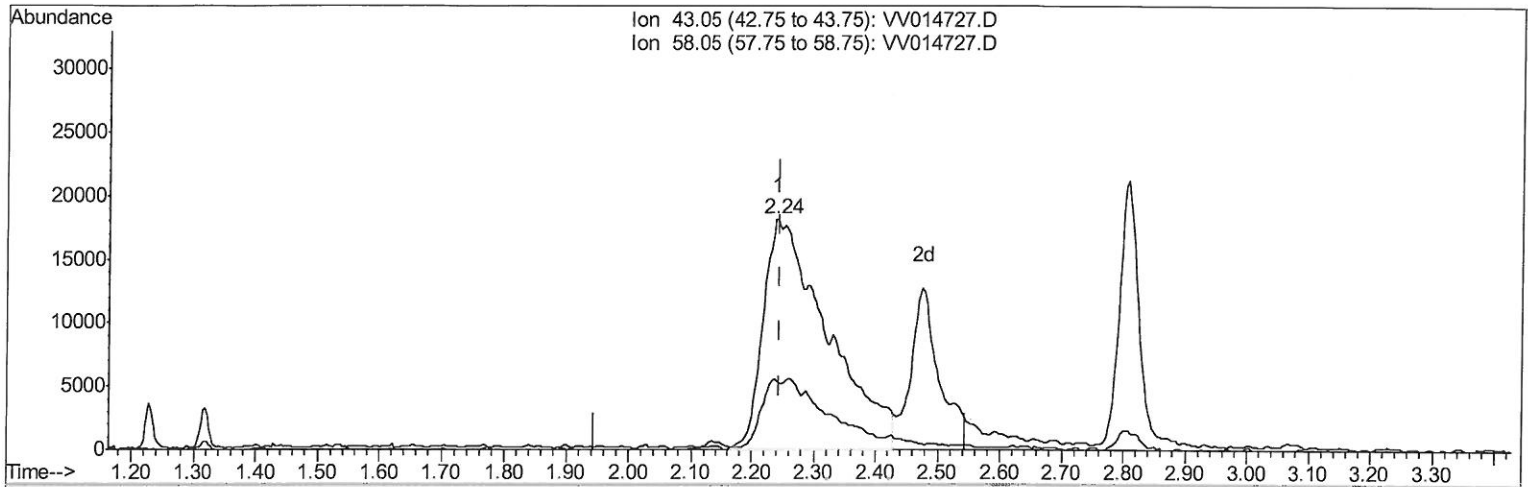
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TIC: VV014727.D

(13) Acetone (T)

2.241min (-0.003) 42.39ug/L m

response 131243

Ion	Exp%	Act%
43.05	100	100
58.05	10.00	8.79
0.00	0.00	0.00
0.00	0.00	0.00

MD
3/3/20

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.66	114	284330	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	269360	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	140188	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101311	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.58	69	81884	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.13	63	176054	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.00%
20) 2-Butanone-d5	3.97	46	216954	47.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.30%
24) Chloroform-d	4.39	84	193686	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.08	65	96710	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.09	84	383726	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.11	67	120747	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.35	98	354694	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.66	79	46658	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.13	63	169856	44.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.86%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	85139	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.66	152	125889	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	150385	4.816	ug/L 99
3) Chloromethane	1.25	50	131454	4.571	ug/L 100
5) Vinyl chloride	1.32	62	121326	4.589	ug/L 97
6) Bromomethane	1.54	94	70600	4.740	ug/L 99
8) Chloroethane	1.60	64	70004	4.727	ug/L 98
9) Trichlorofluoromethane	1.77	101	170899	4.746	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	88881	4.717	ug/L 99
12) 1,1-Dichloroethene	2.14	96	84966	4.742	ug/L 99
13) Acetone	2.24	43	131243m	42.386	ug/L 99
14) Carbon disulfide	2.32	76	256131	4.192	ug/L 98
15) Methyl Acetate	2.48	43	21654	2.756	ug/L # 67
16) Methylene chloride	2.53	84	89914	4.012	ug/L 93
17) Methyl tert-butyl Ether	2.81	73	224797	4.612	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	98557	4.550	ug/L 97
19) 1,1-Dichloroethane	3.23	63	199654	4.712	ug/L 100
21) 2-Butanone	4.05	43	244656	46.426	ug/L 94
22) cis-1,2-Dichloroethene	3.96	96	109502	4.729	ug/L 100

mj
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	42940	4.621	ug/L	98
25) Chloroform	4.42	83	193193	4.646	ug/L	98
27) 1,2-Dichloroethane	5.17	62	112577	4.421	ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	168187	4.736	ug/L	99
30) Cyclohexane	4.72	56	186006	4.653	ug/L	100
31) Carbon tetrachloride	4.87	117	148452	4.853	ug/L	99
33) Benzene	5.14	78	429069	4.851	ug/L	100
34) Trichloroethene	5.95	95	111668	4.820	ug/L	95
35) Methylcyclohexane	6.17	83	189618	4.812	ug/L	100
37) 1,2-Dichloropropane	6.22	63	107764	4.770	ug/L	98
38) Bromodichloromethane	6.55	83	134013	4.863	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	159732	4.880	ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	644240	47.620	ug/L	99
42) Toluene	7.42	91	456090	4.870	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	123624	4.868	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	68808	4.770	ug/L	98
47) Tetrachloroethene	8.01	164	89062	4.808	ug/L	98
48) 2-Hexanone	8.18	43	457400	47.451	ug/L	97
49) Dibromochloromethane	8.28	129	83633	5.128	ug/L	99
50) 1,2-Dibromoethane	8.39	107	64984	4.720	ug/L	98
51) Chlorobenzene	8.92	112	282111	4.757	ug/L	99
52) Ethylbenzene	9.05	91	509208	4.795	ug/L	100
53) m,p-xylene	9.17	106	189380	4.871	ug/L	99
54) o-xylene	9.58	106	180938	4.781	ug/L	96
55) Styrene	9.60	104	313760	4.934	ug/L	98
56) Isopropylbenzene	9.97	105	502706	4.917	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	85271	4.728	ug/L	97
59) 1,2,3-Trichloropropane	10.31	75	62188	4.712	ug/L	99
61) Bromoform	9.77	173	44646	5.412	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	233077	4.863	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	231200	4.722	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	206677	4.668	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.47	75	13686	4.671	ug/L	99
67) 1,3,5-Trichlorobenzene	12.68	180	188999	4.860	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	160762	4.814	ug/L	97
69) Naphthalene	13.54	128	253613	4.664	ug/L	99
70) 1,2,3-Trichlorobenzene	13.78	180	141955	4.763	ug/L	100

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