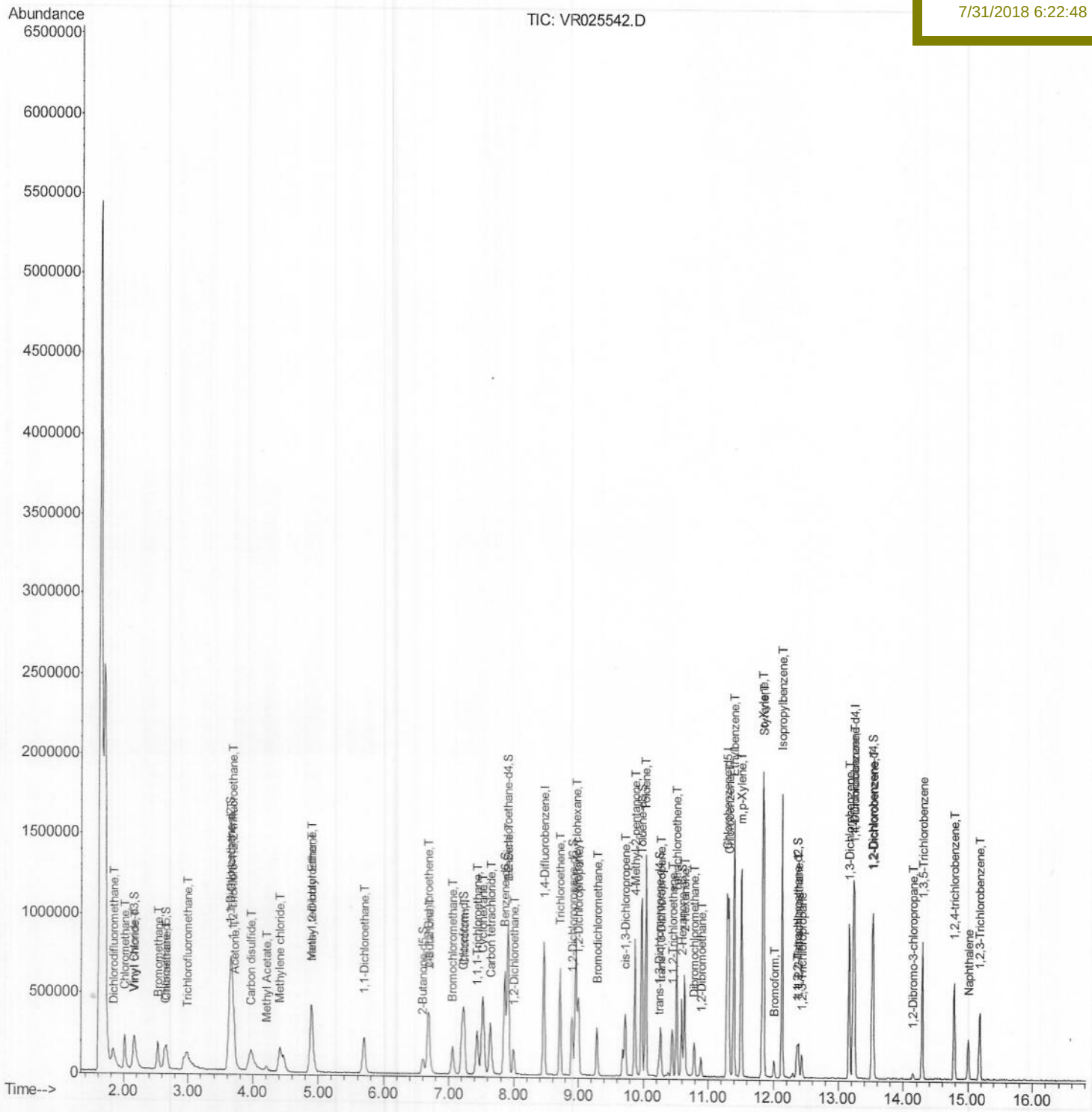
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR073018\
Data File : VR025542.D
Acq On : 30 Jul 2018 15:48
Operator : SY/MD
Sample : VSTDICV005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 31 08:29:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jul 30 16:58:41 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
VICV86

Manual Integrations APPROVED
MMDadoda
7/31/2018 6:22:48 PM



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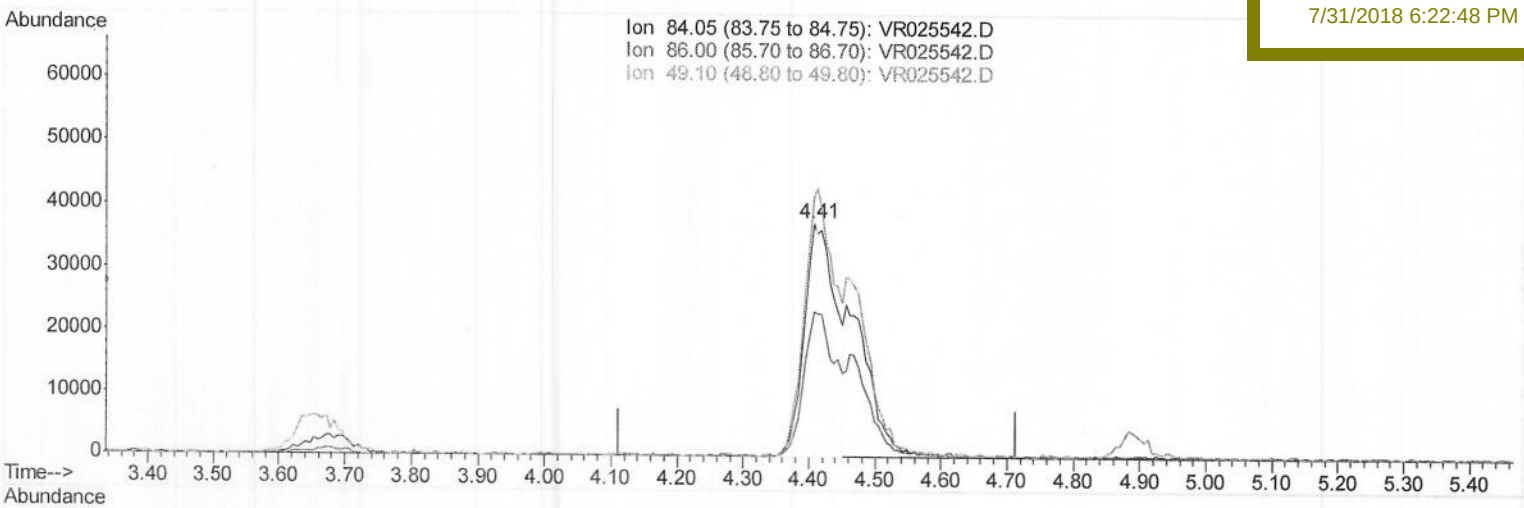
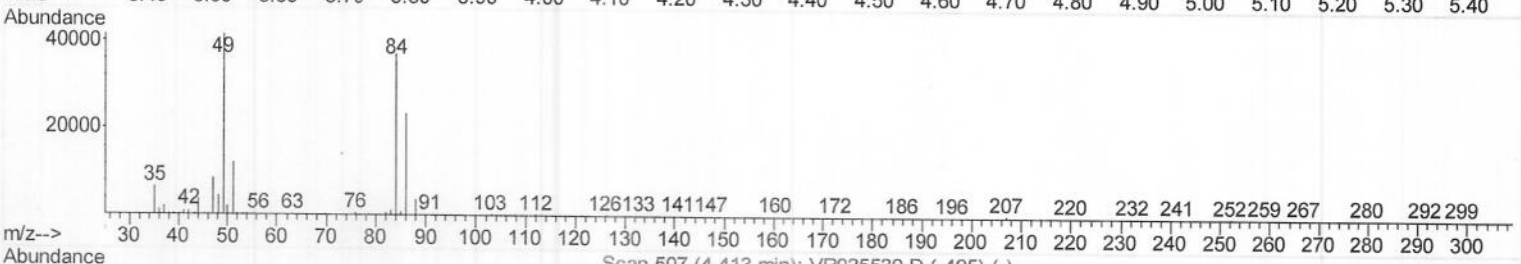
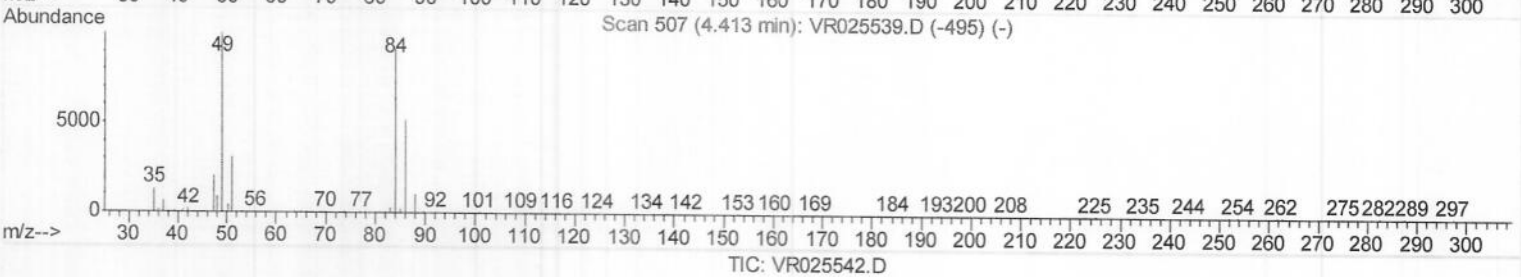




Scan 507 (4.413 min): VR025539.D (-495) (-)



TIC: VR025542.D

(16) Methylene chloride (T)

4.407min (-0.006) 2.84ug/L

response 121494

Ion	Exp%	Act%
84.05	100	100
86.00	57.70	63.02
49.10	108.80	110.99
0.00	0.00	0.00

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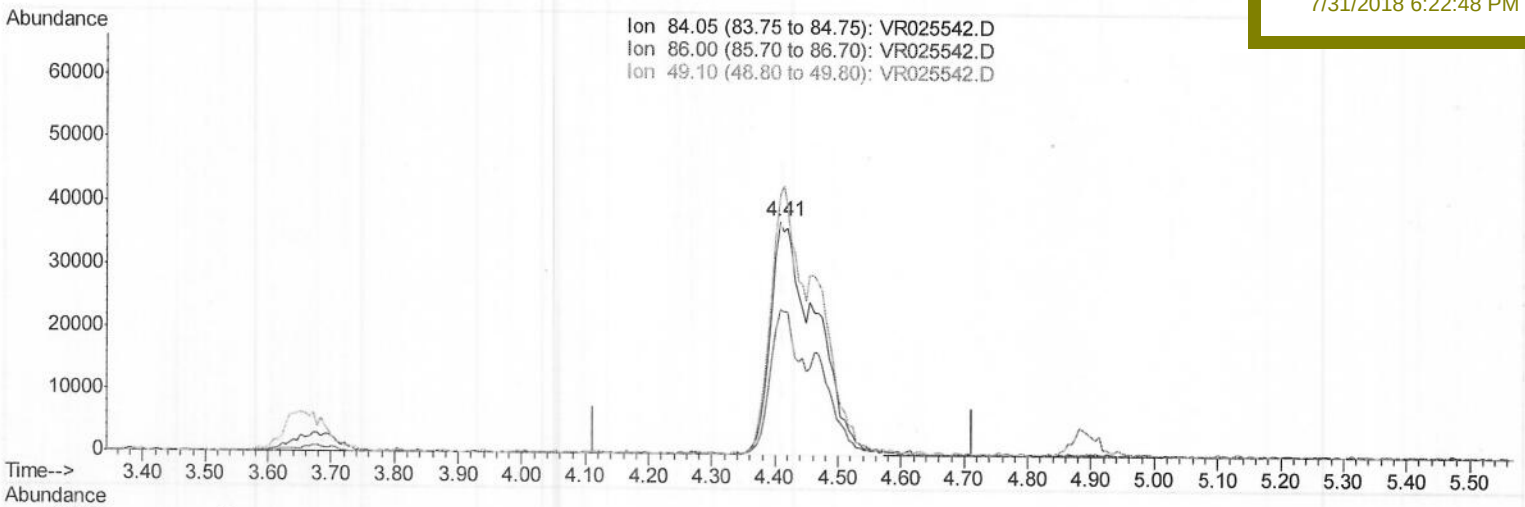
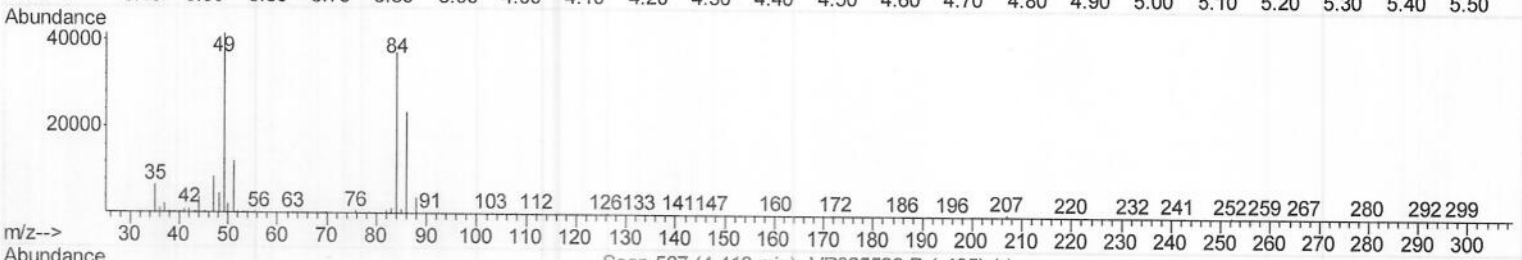
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jul 30 16:58:41 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
VICV86

Manual Integrations APPROVED
MMDadoda
7/31/2018 6:22:48 PM





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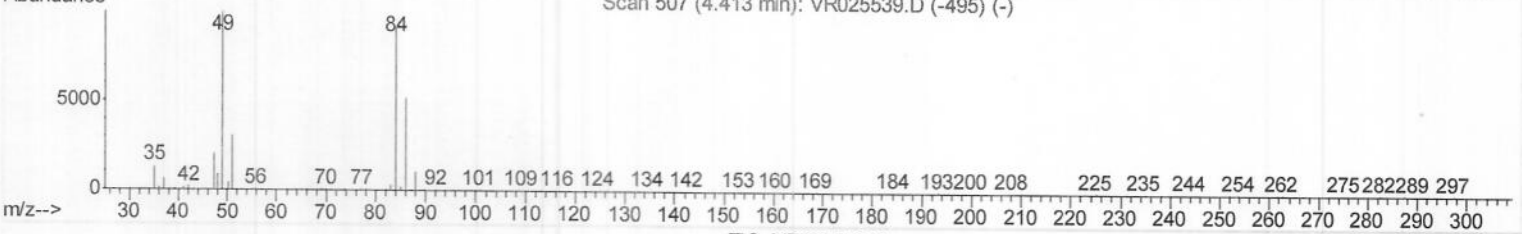

TIC: VR025542.D

(16) Methylene chloride (T)

4.407min (-0.006) 4.37ug/L m) MD 08/07/18

response 186631

Ion	Exp%	Act%
84.05	100	100
86.00	57.70	63.02
49.10	108.80	110.99
0.00	0.00	0.00

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Manual Integrations APPROVED
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7/31/2018 6:22:48 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	708272	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	594608	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	267790	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	208147	4.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.80%			
7) Chloroethane-d5	2.64	69	158902	4.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.80%			
11) 1,1-Dichloroethene-d2	3.64	63	466909	4.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.20%			
20) 2-Butanone-d5	6.60	46	164855	45.45	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.90%			
24) Chloroform-d	7.21	84	312559	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%			
26) 1,2-Dichloroethane-d4	7.90	65	108391	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%			
32) Benzene-d6	7.86	84	704449	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
36) 1,2-Dichloropropane-d6	8.90	67	181560	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.80%			
41) Toluene-d8	9.97	98	690099	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
43) trans-1,3-Dichloropropene-	10.24	79	45543	4.25	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.00%			
46) 2-Hexanone-d5	10.59	63	154521	45.16	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.32%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	85697	4.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.60%			
64) 1,2-Dichlorobenzene-d4	13.51	152	174074	4.25	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	207852	5.126	ug/L	96
3) Chloromethane	2.02	50	256955	4.798	ug/L	99
5) Vinyl chloride	2.16	62	265874	4.968	ug/L	97
6) Bromomethane	2.53	94	146326	4.972	ug/L	88
8) Chloroethane	2.67	64	145308	4.889	ug/L	94
9) Trichlorofluoromethane	2.99	101	363844	4.977	ug/L #	85
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	241837	5.119	ug/L	97
12) 1,1-Dichloroethene	3.66	96	244400	4.831	ug/L	86
13) Acetone	3.71	43	144867	47.513	ug/L	93
14) Carbon disulfide	3.98	76	573240	4.892	ug/L	97
15) Methyl Acetate	4.21	43	45095	4.684	ug/L	98
16) Methylene chloride	4.41	84	186631m	4.368	ug/L	
17) Methyl tert-butyl Ether	4.90	73	228991	4.509	ug/L	100
18) trans-1,2-Dichloroethene	4.89	96	222646	4.595	ug/L	95
19) 1,1-Dichloroethane	5.70	63	323661	4.565	ug/L	95
21) 2-Butanone	6.69	43	208142	49.136	ug/L	96
22) cis-1,2-Dichloroethene	6.68	96	213723	4.830	ug/L	99

) MD 08/07/18

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7/31/2018 6:22:48 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.05	128	69476	4.733 ug/L	94
25) Chloroform	7.24	83	319483	4.552 ug/L	98
27) 1,2-Dichloroethane	8.00	62	125630	4.492 ug/L #	90
29) 1,1,1-Trichloroethane	7.44	97	231183	4.390 ug/L	98
30) Cyclohexane	7.53	56	314316	5.181 ug/L	99
31) Carbon tetrachloride	7.64	117	252515	4.646 ug/L	99
33) Benzene	7.91	78	842582	4.587 ug/L	100
34) Trichloroethene	8.71	95	207987	4.553 ug/L	96
35) Methylcyclohexane	8.96	83	366171	5.330 ug/L	99
37) 1,2-Dichloropropane	9.00	63	174582	4.515 ug/L	99
38) Bromodichloromethane	9.29	83	180534	4.570 ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	209693	4.912 ug/L	99
40) 4-Methyl-2-pentanone	9.87	43	534603	49.063 ug/L	99
42) Toluene	10.03	91	950341	4.858 ug/L	99
44) trans-1,3-Dichloropropene	10.27	75	143663	4.820 ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	88543	4.598 ug/L	95
47) Tetrachloroethene	10.52	164	186310	4.766 ug/L	96
48) 2-Hexanone	10.64	43	359063	48.864 ug/L	98
49) Dibromochloromethane	10.78	129	106917	4.706 ug/L	99
50) 1,2-Dibromoethane	10.89	107	73426	4.570 ug/L	97
51) Chlorobenzene	11.32	112	545494	4.611 ug/L	98
52) Ethylbenzene	11.39	91	1032875	4.856 ug/L	97
53) m,p-Xylene	11.51	106	413381	5.023 ug/L	94
54) o-Xylene	11.83	106	368527	4.878 ug/L	97
55) Styrene	11.85	104	603649	5.015 ug/L	97
56) Isopropylbenzene	12.13	105	1013310	5.099 ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.39	83	82797	4.537 ug/L	99
59) 1,2,3-Trichloropropane	12.44	75	55296	4.536 ug/L	97
61) Bromoform	12.01	173	44530	4.175 ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	367064	4.740 ug/L	99
63) 1,4-Dichlorobenzene	13.24	146	391497	4.658 ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	304308	4.574 ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.15	75	8054	3.912 ug/L #	59
67) 1,3,5-Trichlorobenzene	14.29	180	254688	4.839 ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	164048	4.850 ug/L	98
69) Naphthalene	15.00	128	184249	4.768 ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	125351	4.819 ug/L	98

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