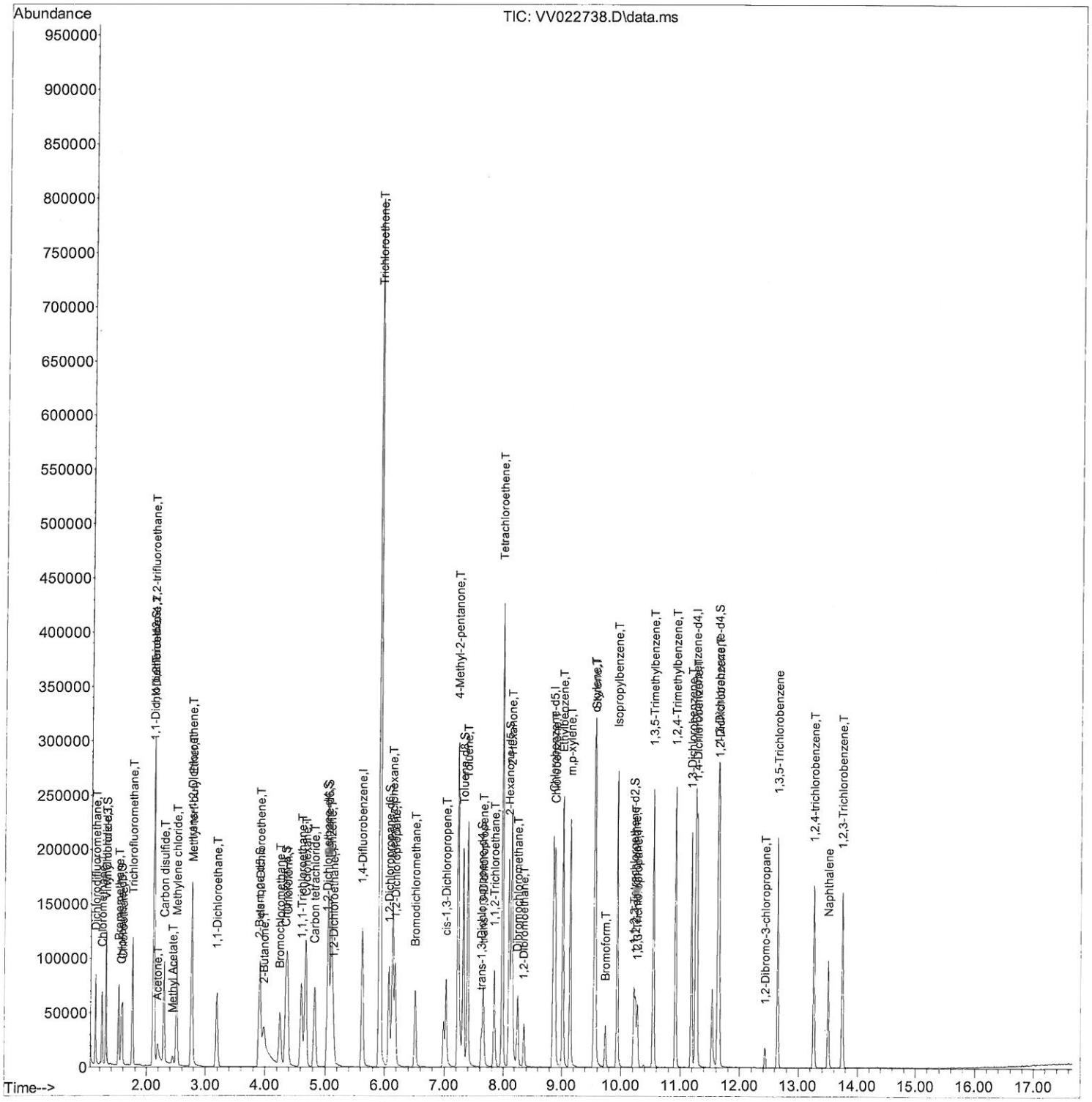
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101121\
Data File : VV022738.D
Acq On : 11 Oct 2021 18:40
Operator : SY/MD
Sample : M4109-15MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 12 03:43:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 12 03:20:38 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
YATJ9MSD

Manual Integrations APPROVED
MMDadoda
10/13/2021 1:41:29 PM



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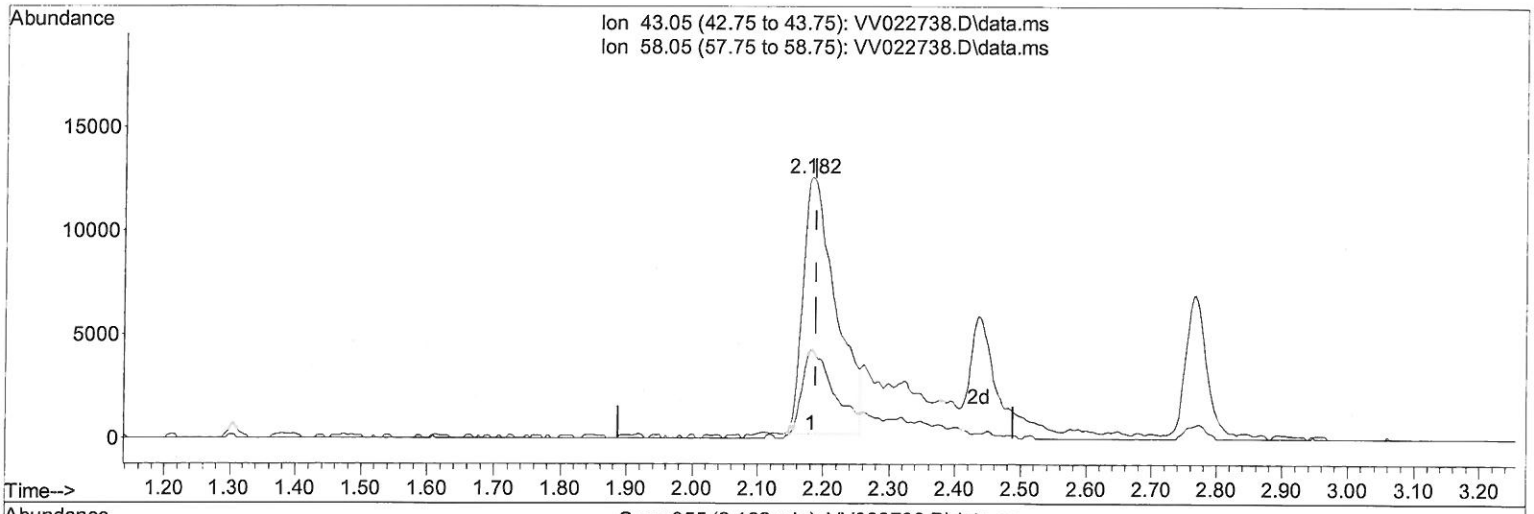

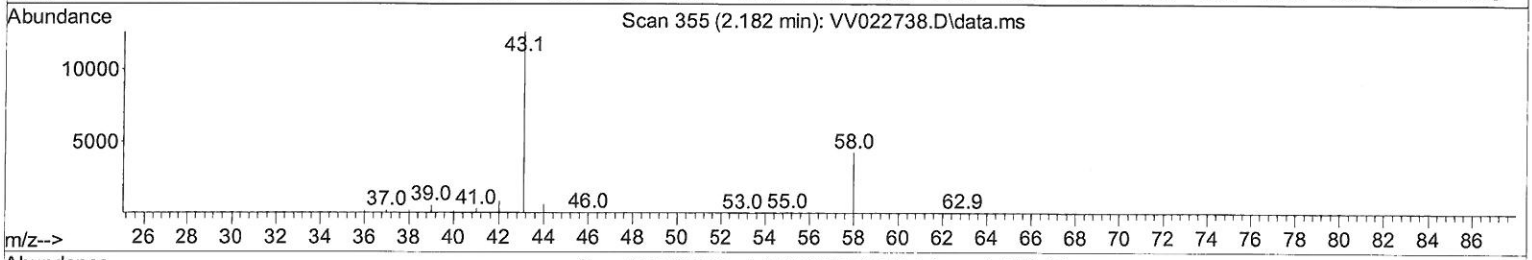

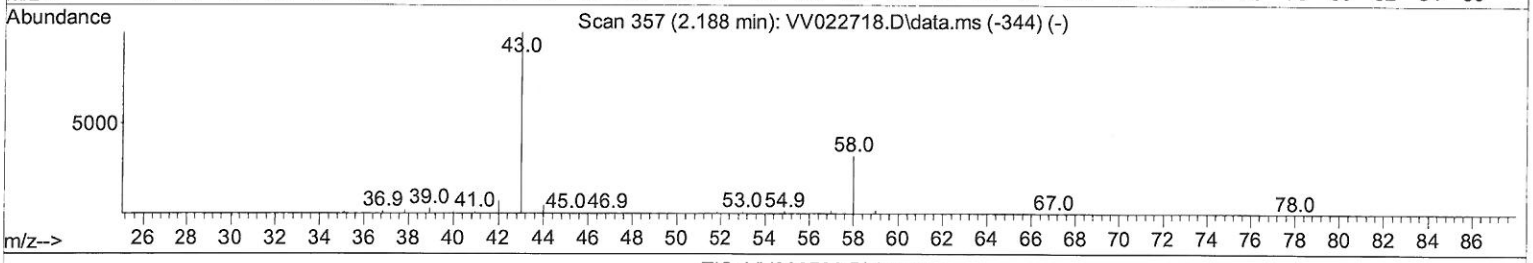

TIC: VV022738.D\data.ms

(13) Acetone (T)

2.182min (-0.006) 37.57 ug/L

response 43119

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	12.10	34.67#
0.00	0.00	0.00
0.00	0.00	0.00

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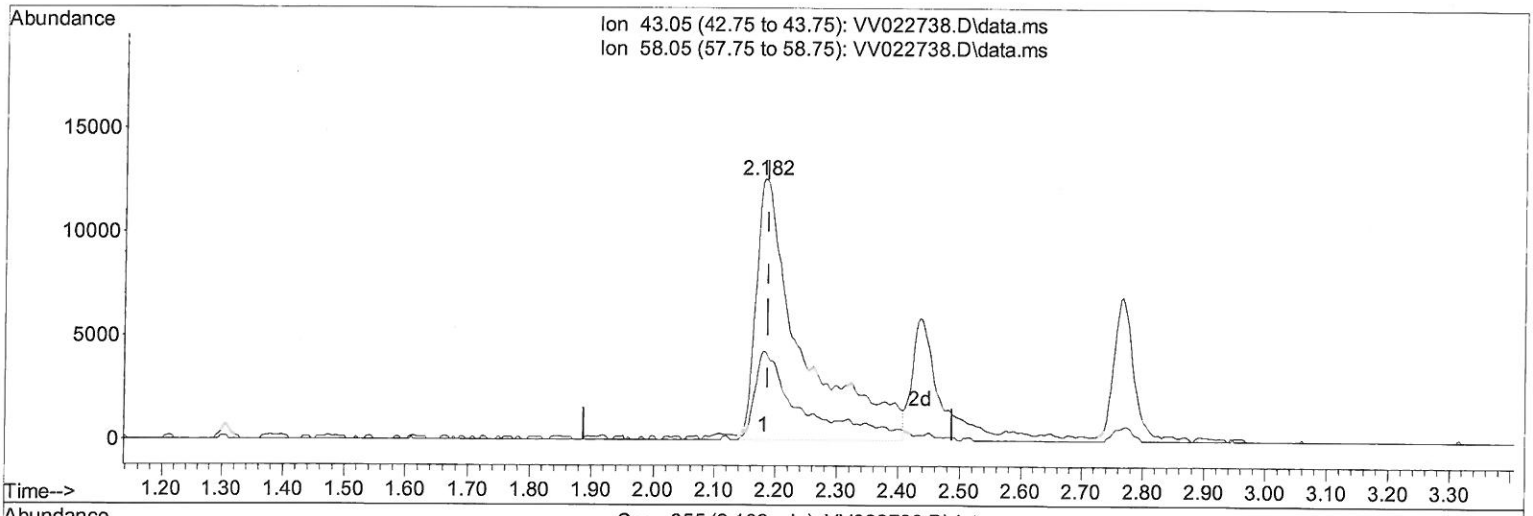

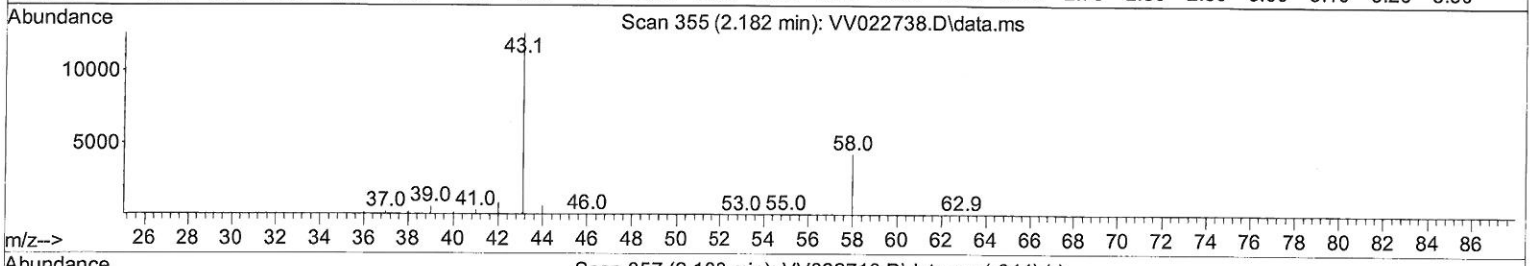

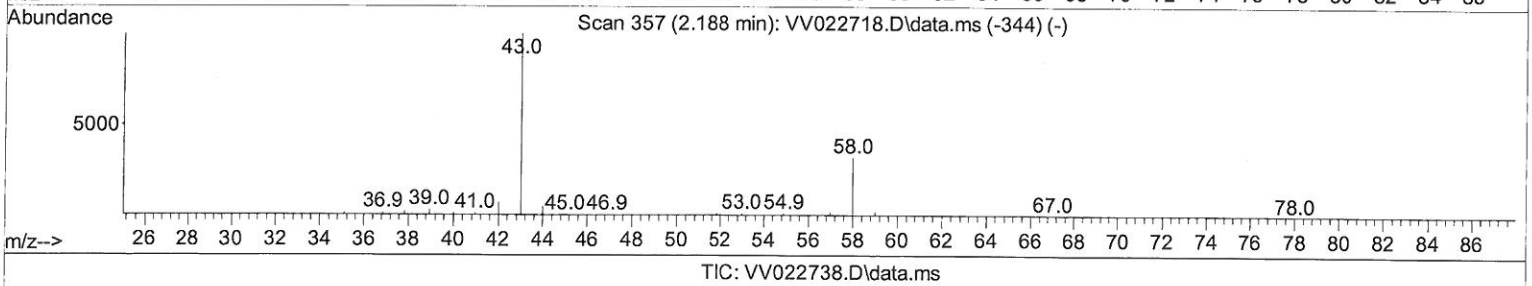

TIC: VV022738.D\data.ms

(13) Acetone (T)

2.182min (-0.006) 56.79 ug/L m

response 65173

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	12.10	22.94
0.00	0.00	0.00
0.00	0.00	0.00

SMD 10/12/21

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114079	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	117655	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	63295	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31926	4.068	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.400%			
7) Chloroethane-d5	1.564	69	32168	4.561	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.200%			
11) 1,1-Dichloroethene-d2	2.108	63	69543	4.517	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.400%			
20) 2-Butanone-d5	3.899	46	79844	38.797	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 77.600%			
24) Chloroform-d	4.349	84	75454	4.665	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.200%			
26) 1,2-Dichloroethane-d4	5.034	65	36099	4.598	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.000%			
32) Benzene-d6	5.053	84	142917	4.080	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.600%			
36) 1,2-Dichloropropane-d6	6.072	67	45767	4.412	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.200%			
41) Toluene-d8	7.317	98	135728	4.483	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.600%			
43) trans-1,3-Dichloroprop...	7.625	79	15286	4.442	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.800%			
46) 2-Hexanone-d5	8.092	63	74133	53.462	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.920%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33905	4.825	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.600%			
66) 1,2-Dichlorobenzene-d4	11.625	152	55821	4.757	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	43259	5.203	ug/L	100
3) Chloromethane	1.240	50	44913	5.375	ug/L	100
5) Vinyl chloride	1.307	62	47128	5.459	ug/L	99
6) Bromomethane	1.519	94	30319	5.633	ug/L	99
8) Chloroethane	1.584	64	28965	5.422	ug/L	99
9) Trichlorofluoromethane	1.751	101	66827	5.284	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	41540	5.647	ug/L	99
12) 1,1-Dichloroethene	2.118	96	41158	5.973	ug/L	79
13) Acetone	2.182	43	65173m	56.792	ug/L	
14) Carbon disulfide	2.294	76	105699	5.458	ug/L	100
15) Methyl Acetate	2.436	43	15497	4.720	ug/L #	82
16) Methylene chloride	2.507	84	40415	4.261	ug/L	91
17) Methyl tert-butyl Ether	2.770	73	80892	4.851	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	39124	5.221	ug/L	98
19) 1,1-Dichloroethane	3.191	63	69273	5.132	ug/L	99
21) 2-Butanone	3.982	43	72567	38.620	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	40468	5.143	ug/L	93
23) Bromochloromethane	4.249	128	19454	5.565	ug/L	89

MD 10/22/21

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	4.375	83	81616	5.216 ug/L	96
27) 1,2-Dichloroethane	5.133	62	38750	4.962 ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	64622	4.810 ug/L	99
30) Cyclohexane	4.680	56	59277	4.781 ug/L	99
31) Carbon tetrachloride	4.828	117	55917	4.795 ug/L	98
33) Benzene	5.101	78	154047	4.862 ug/L	100
34) Trichloroethene	5.915	95	275422	31.963 ug/L	98
35) Methylcyclohexane	6.133	83	61600	5.102 ug/L	94
37) 1,2-Dichloropropane	6.175	63	37985	4.984 ug/L	99
38) Bromodichloromethane	6.513	83	48402	5.154 ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	49763	4.933 ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	221295	54.041 ug/L	99
42) Toluene	7.391	91	169134	5.258 ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	43880	5.335 ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	28702	5.075 ug/L	97
47) Tetrachloroethene	7.976	164	97880	14.045 ug/L	99
48) 2-Hexanone	8.143	43	166626	55.652 ug/L	99
49) Dibromochloromethane	8.249	129	33945	5.128 ug/L	90
50) 1,2-Dibromoethane	8.355	107	26999	5.113 ug/L	99
51) Chlorobenzene	8.883	112	110881	5.246 ug/L	99
52) Ethylbenzene	9.014	91	168674	5.165 ug/L	100
53) m,p-xylene	9.140	106	67072	5.233 ug/L	98
54) o-xylene	9.545	106	63682	5.281 ug/L	99
55) Styrene	9.561	104	111457	5.364 ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	28883	5.048 ug/L	96
59) Bromoform	9.735	173	18419	5.195 ug/L	99
60) Isopropylbenzene	9.934	105	171554	5.336 ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23065	5.245 ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	136897	5.270 ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	139193	5.355 ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	90201	5.346 ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	88326	5.155 ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	86819	5.485 ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.432	75	3876	4.842 ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	65880	5.183 ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	50463	5.197 ug/L	99
71) Naphthalene	13.503	128	80017	5.185 ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	48225	5.267 ug/L	98

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