Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052521\
Data File : VV021409.D
Acq On : 25 May 2021 23:37
Operator : SY/MD
Sample : M2496-07MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Quant Time: May 26 07:55:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 26 07:52:48 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GB439MS

Manual Integrations APPROVED
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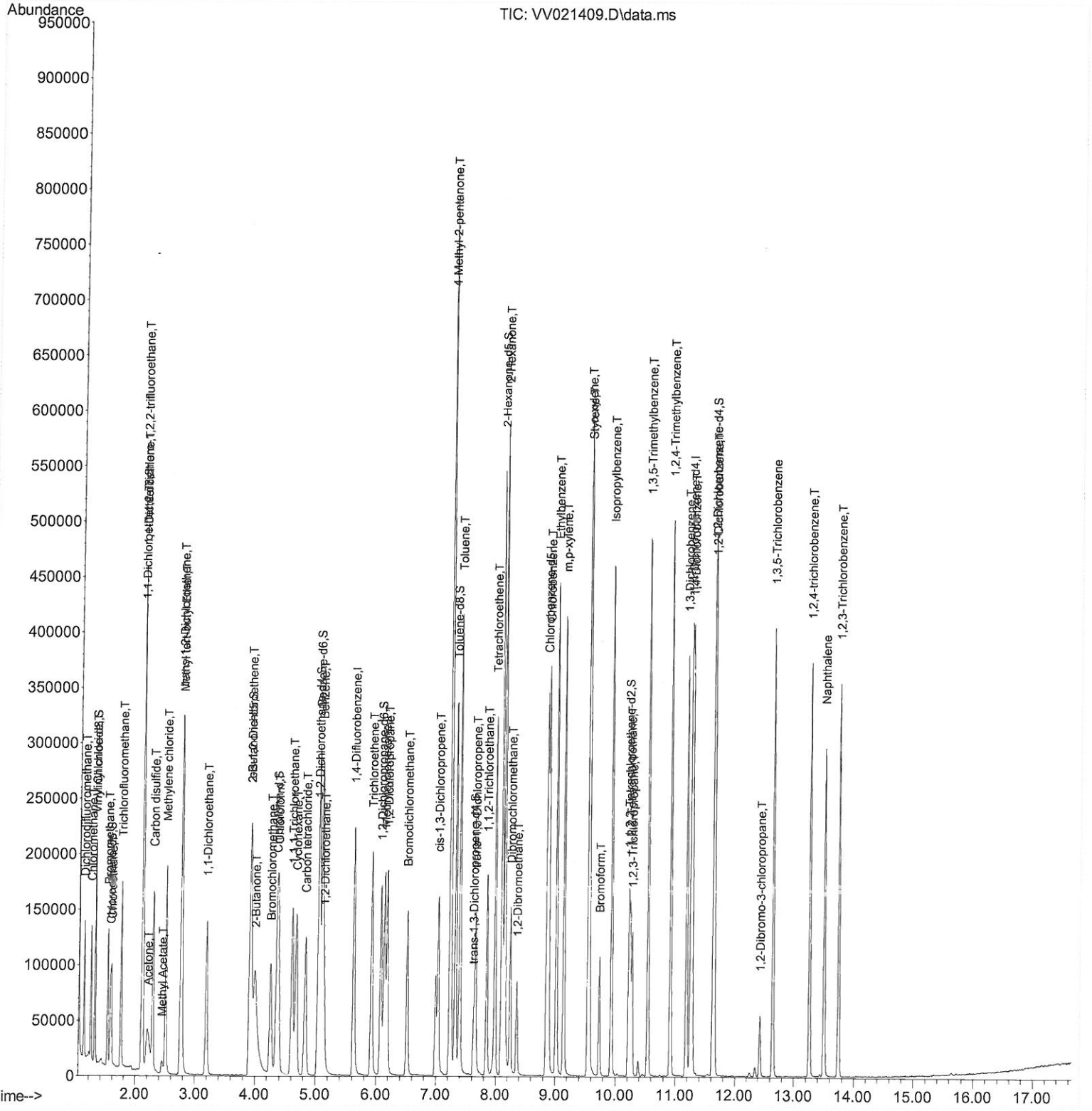
5/26/2021 3:13:24 PM



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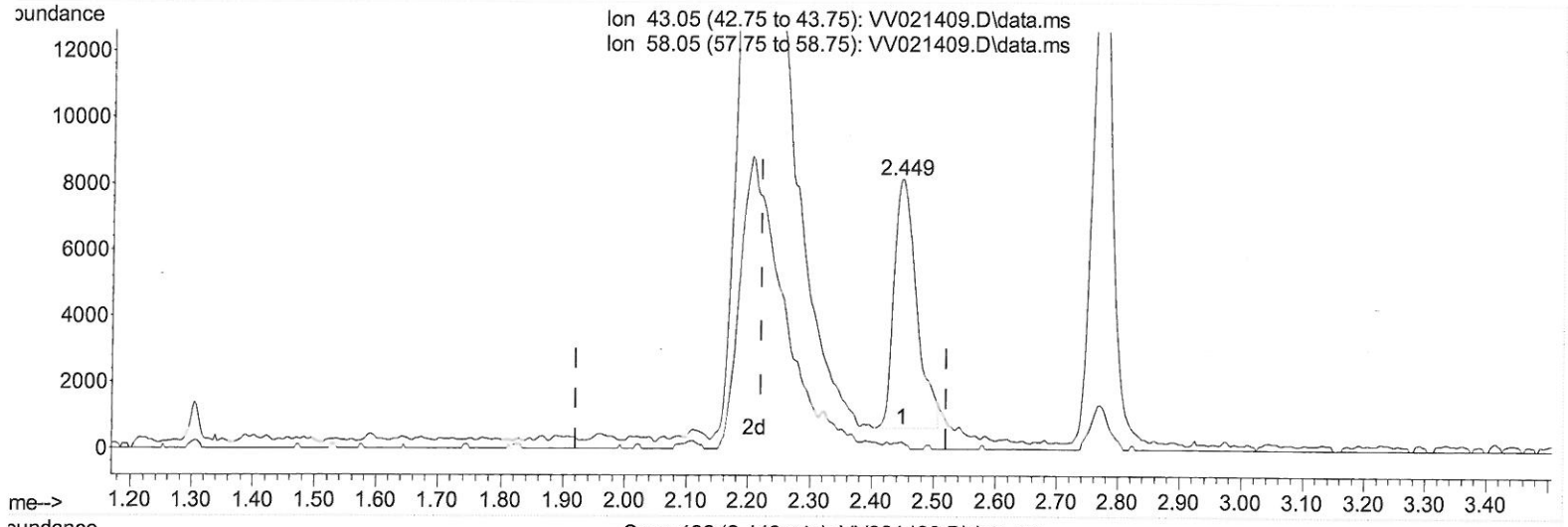

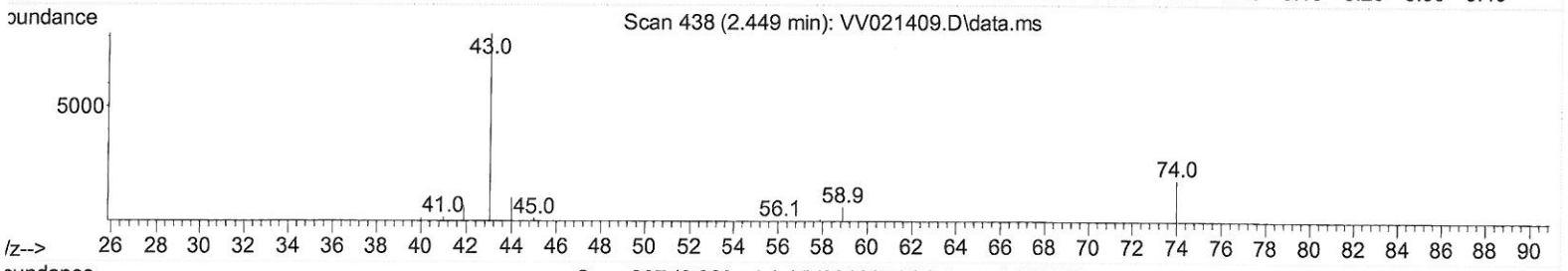

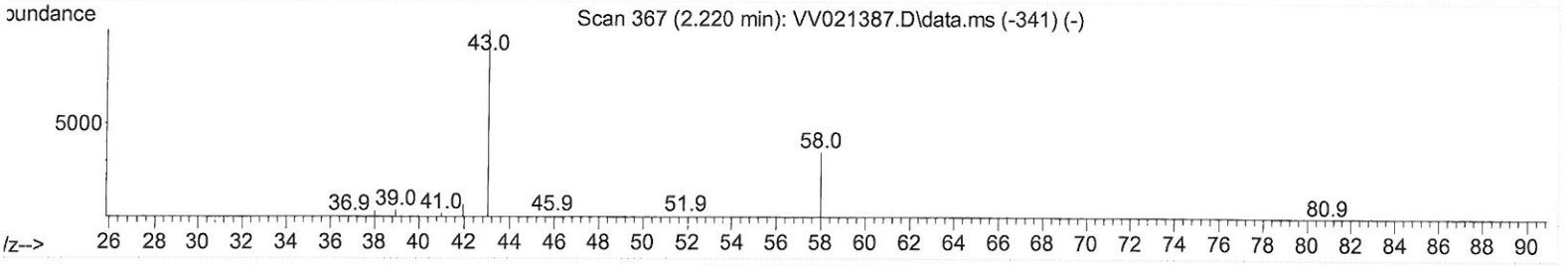

TIC: VV021409.D\data.ms

(13) Acetone (T)

2.449min (+ 0.228) 10.59 ug/L

response 19256

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	9.30	9.39
0.00	0.00	0.00
0.00	0.00	0.00

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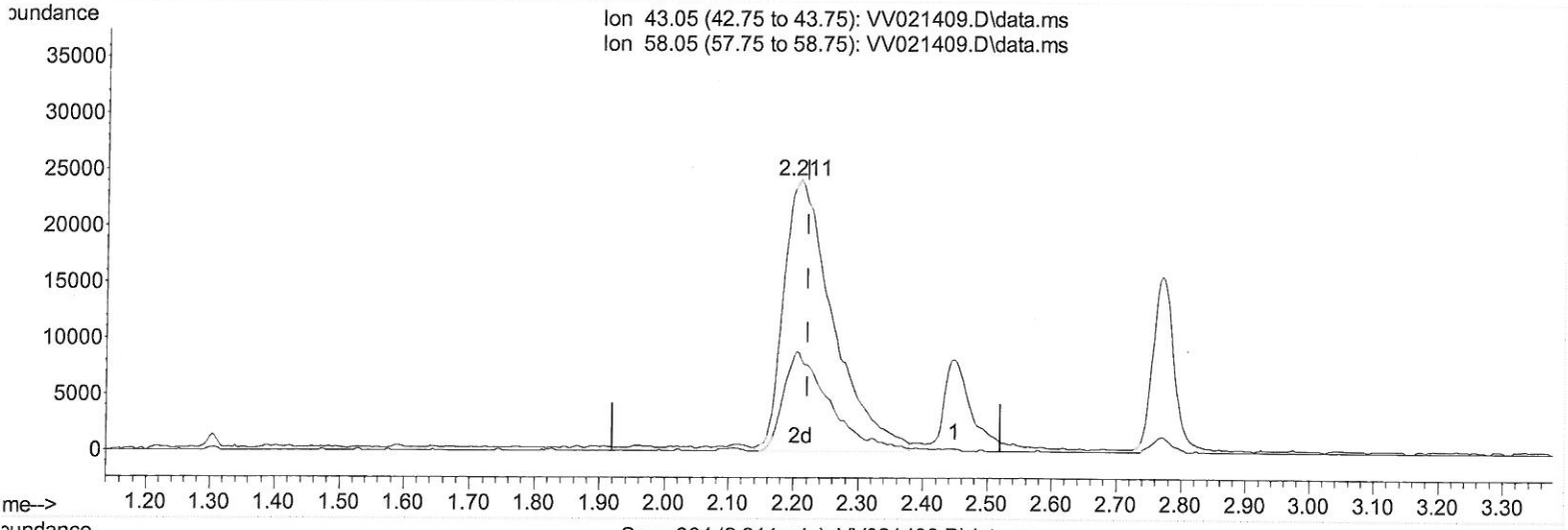

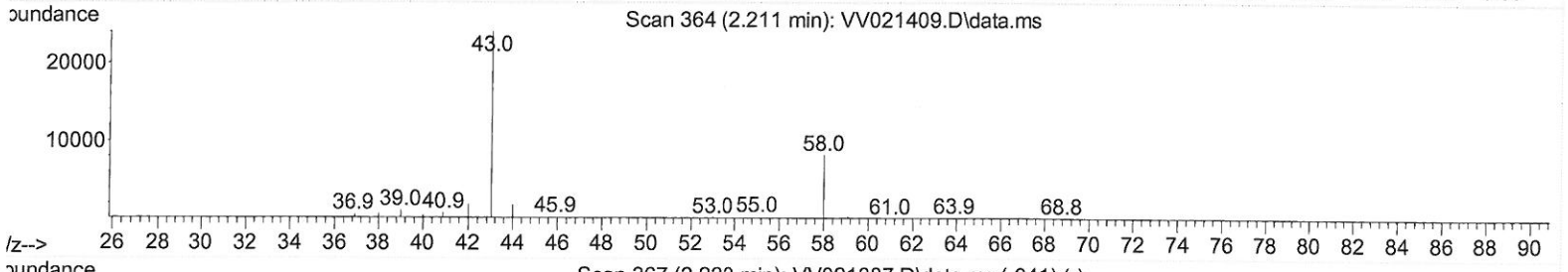

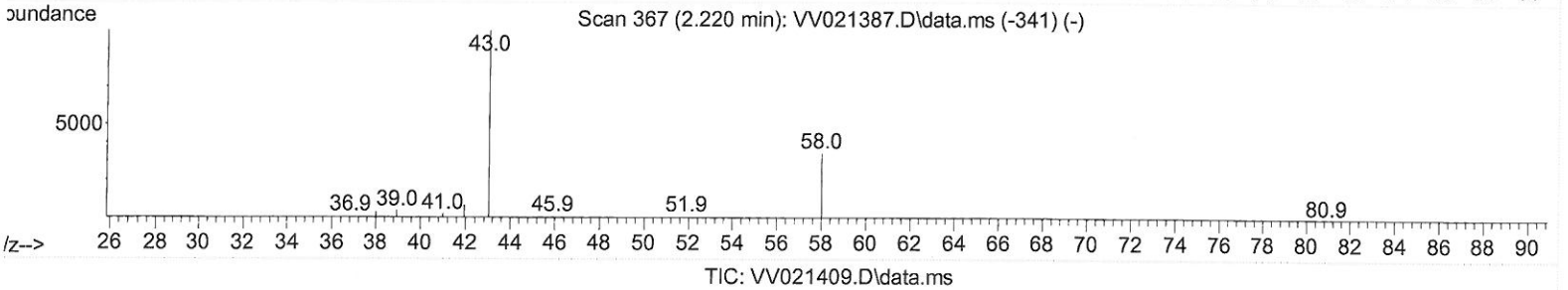

TIC: VV021409.D\data.ms

(13) Acetone (T)

2.211min (-0.010) 70.09 ug/L m

response 127395

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	9.30	1.42
0.00	0.00	0.00
0.00	0.00	0.00

MD 5/28/21

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Manual Integrations APPROVED
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5/26/2021 3:13:24 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	211985	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	192504	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	104101	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	54029	6.02	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 120.40%			
7) Chloroethane-d5	1.568	69	52025	6.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 121.60%			
11) 1,1-Dichloroethene-d2	2.108	63	103608	6.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 121.80%			
20) 2-Butanone-d5	3.912	46	235857	73.16	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 146.32%#			
24) Chloroform-d	4.352	84	141988	5.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.20%			
26) 1,2-Dichloroethane-d4	5.037	65	69222	6.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 121.00%			
32) Benzene-d6	5.053	84	264938	5.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.40%			
36) 1,2-Dichloropropane-d6	6.072	67	88198	5.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 117.40%			
41) Toluene-d8	7.320	98	229493	5.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.00%			
43) trans-1,3-Dichloroprop...	7.625	79	32704	5.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.60%			
46) 2-Hexanone-d5	8.092	63	203081	68.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 137.98%#			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	77325	6.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 127.80%#			
66) 1,2-Dichlorobenzene-d4	11.625	152	103314	5.76	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	65938	4.63	ug/L	100
3) Chloromethane	1.240	50	76775	6.15	ug/L	99
5) Vinyl chloride	1.307	62	75721	5.84	ug/L	99
6) Bromomethane	1.519	94	50860	5.99	ug/L	99
8) Chloroethane	1.584	64	46886	6.00	ug/L	98
9) Trichlorofluoromethane	1.751	101	99126	4.96	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	46252	4.15	ug/L	99
12) 1,1-Dichloroethene	2.118	96	77891	7.41	ug/L	97
13) Acetone	2.211	43	127395m	70.09	ug/L	
14) Carbon disulfide	2.291	76	179995	5.09	ug/L	100
15) Methyl Acetate	2.449	43	19994	4.66	ug/L	92
16) Methylene chloride	2.507	84	82334	4.77	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	198888	6.55	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	71675	5.46	ug/L	98
19) 1,1-Dichloroethane	3.191	63	145984	6.30	ug/L	99
21) 2-Butanone	3.995	43	220942	71.36	ug/L	89
22) cis-1,2-Dichloroethene	3.915	96	85311	5.97	ug/L	99
23) Bromochloromethane	4.256	128	40095	6.24	ug/L	95

MD 5/28/21

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5/26/2021 3:13:24 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.378	83	138451	5.83	ug/L	100
27) 1,2-Dichloroethane	5.137	62	81756	6.36	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	126053	5.84	ug/L	98
30) Cyclohexane	4.677	56	87492	4.11	ug/L	98
31) Carbon tetrachloride	4.831	117	99072	5.06	ug/L	99
33) Benzene	5.101	78	291774	5.81	ug/L	100
34) Trichloroethene	5.918	95	73607	5.33	ug/L	97
35) Methylcyclohexane	6.133	83	84453	3.72	ug/L	98
37) 1,2-Dichloropropane	6.178	63	77244	6.19	ug/L	99
38) Bromodichloromethane	6.513	83	101333	5.96	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	105930	5.31	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	533798	70.00	ug/L	100
42) Toluene	7.391	91	310425	5.59	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	90667	5.53	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	59973	6.51	ug/L	97
47) Tetrachloroethene	7.979	164	79208	6.30	ug/L	98
48) 2-Hexanone	8.143	43	380093	73.32	ug/L	99
49) Dibromochloromethane	8.249	129	78566	6.28	ug/L	98
50) 1,2-Dibromoethane	8.355	107	58033	6.53	ug/L	95
51) Chlorobenzene	8.883	112	203612	5.55	ug/L	99
52) Ethylbenzene	9.014	91	315732	5.08	ug/L	99
53) m,p-xylene	9.140	106	119307	4.98	ug/L	99
54) o-xylene	9.545	106	123497	5.28	ug/L	97
55) Styrene	9.561	104	212026	5.38	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	73246	6.75	ug/L	99
59) Bromoform	9.735	173	51709	6.87	ug/L	96
60) Isopropylbenzene	9.931	105	309948	5.03	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	51440	6.95	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	262055	5.00	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	274085	5.11	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	164812	5.43	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	163577	5.40	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	162453	5.79	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	12722	7.03	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	133096	4.87	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	122554	5.41	ug/L	98
71) Naphthalene	13.503	128	232004	6.54	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	115193	5.73	ug/L	100

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