

Quantitation Report (Qedit)

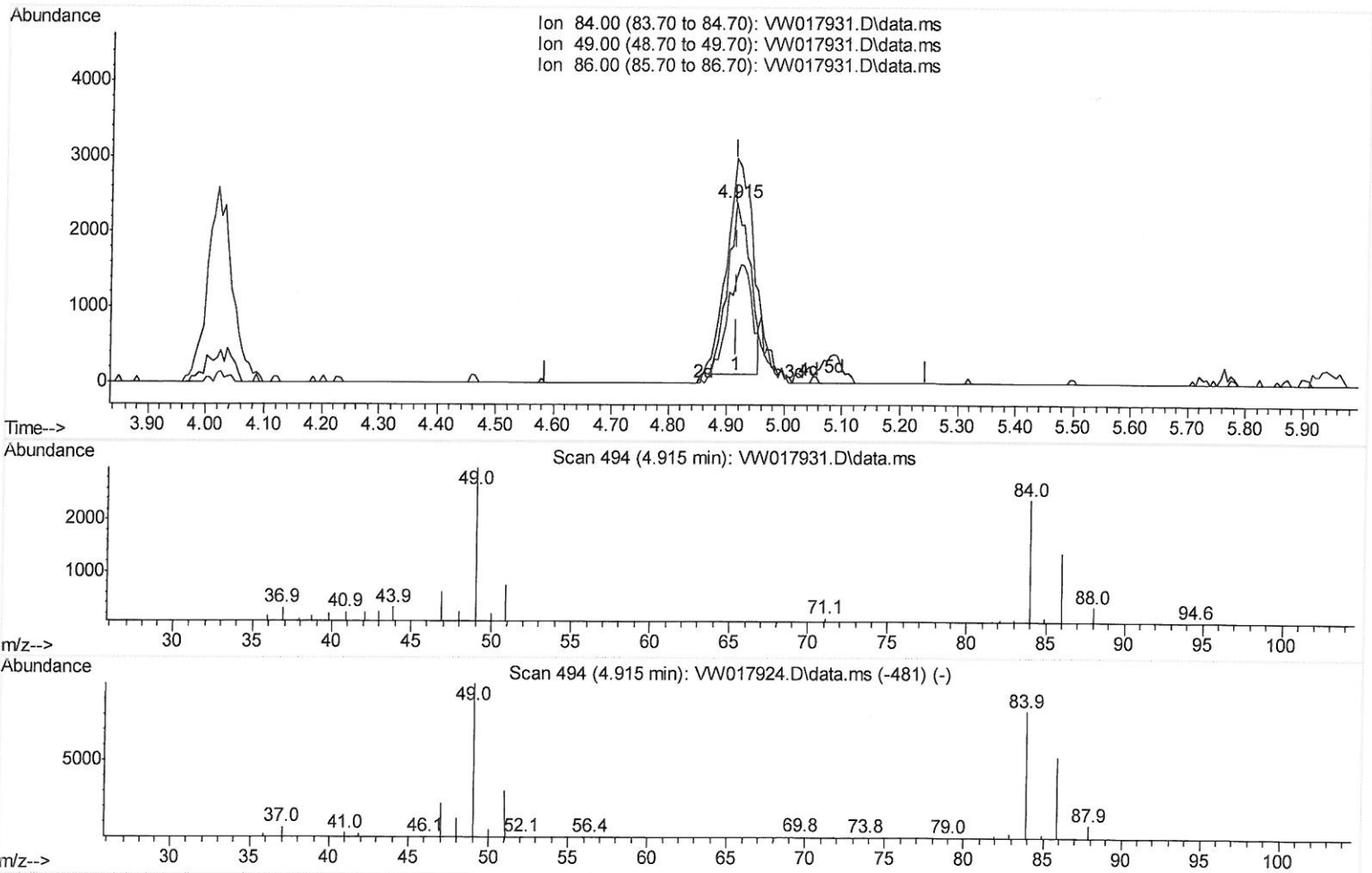
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017931.D
Acq On : 18 Jan 2021 16:19
Operator : SY/VA
Sample : M1099-21
Misc : 8.10G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C17

Manual Integrations
APPROVED

MMDadoda
1/20/2021 4:58:00 PM

Quant Time: Jan 19 06:57:37 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 19 06:55:11 2021
Response via : Initial Calibration



TIC: VW017931.D\data.ms

(16) Methylene chloride (T)

4.915min (-0.000) 1.13 ug/L

response 6129

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	116.00	124.66
86.00	63.60	57.07
0.00	0.00	0.00

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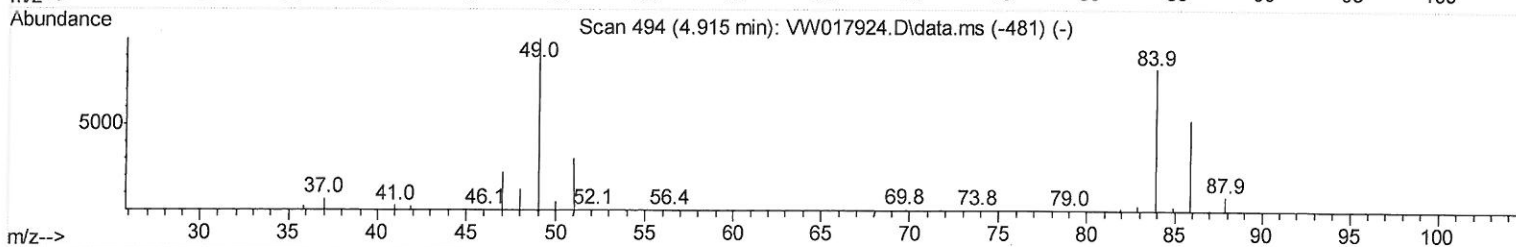
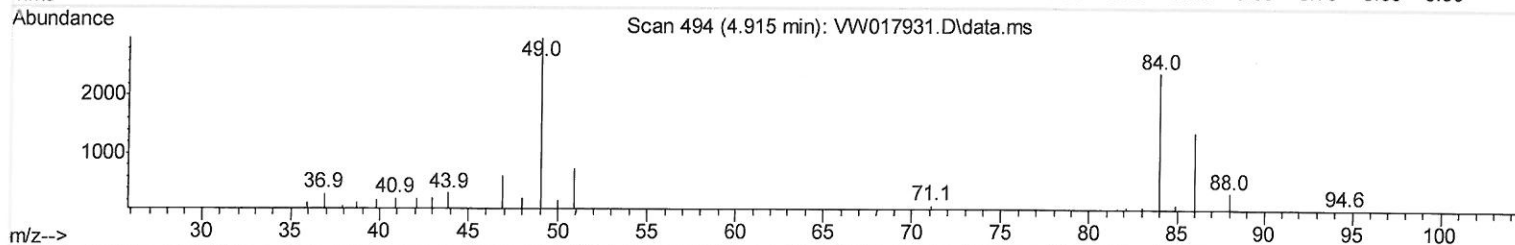
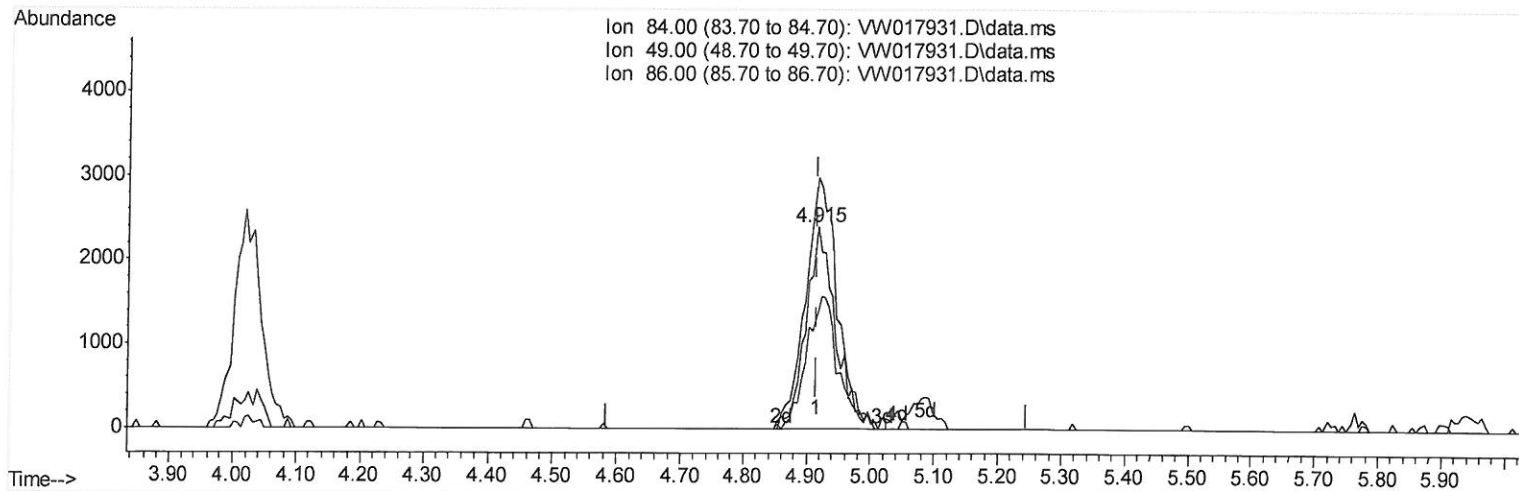
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(16) Methylene chloride (T)

4.915min (-0.000) 1.44 ug/L m

response 7849

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	116.00	124.66
86.00	63.60	57.07
0.00	0.00	0.00

2/28/21 Sy

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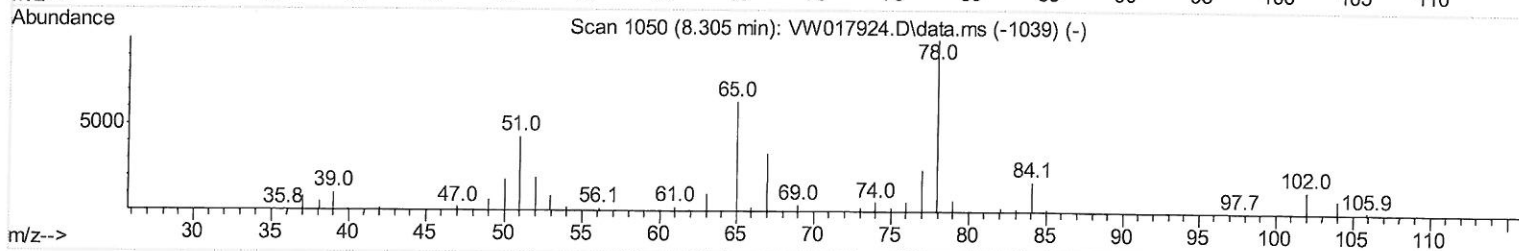
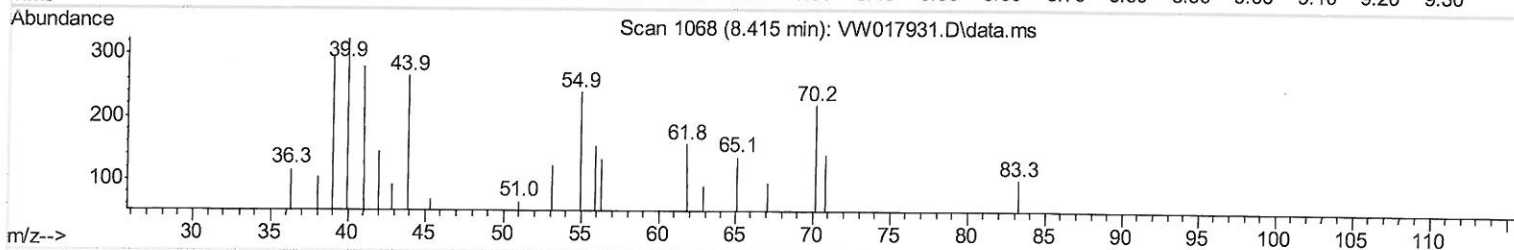
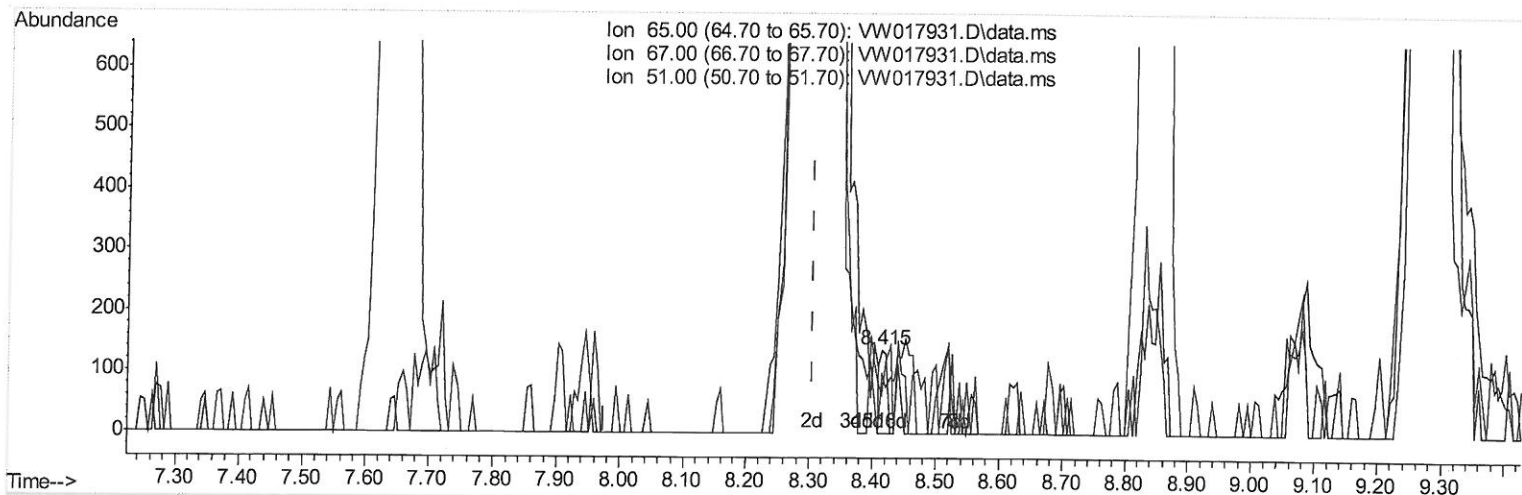
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(26) 1,2-Dichloroethane-d4 (S)

8.415min (+ 0.110) 0.02 ug/L

response 98

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	53.90	64.29
51.00	108.50	98.98
0.00	0.00	0.00

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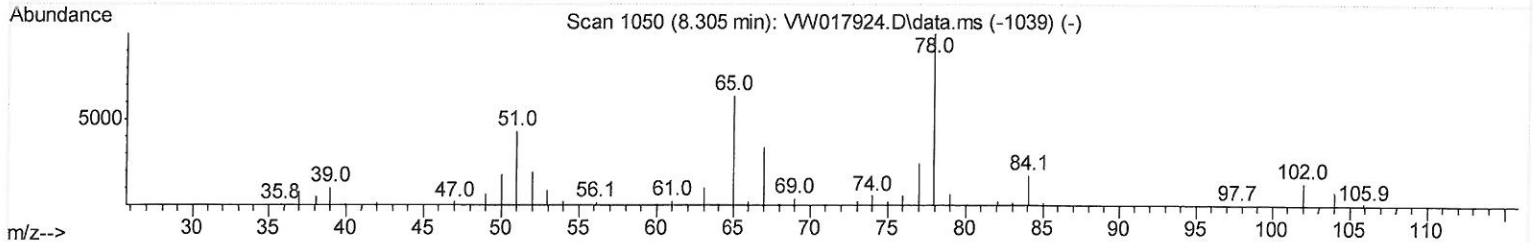
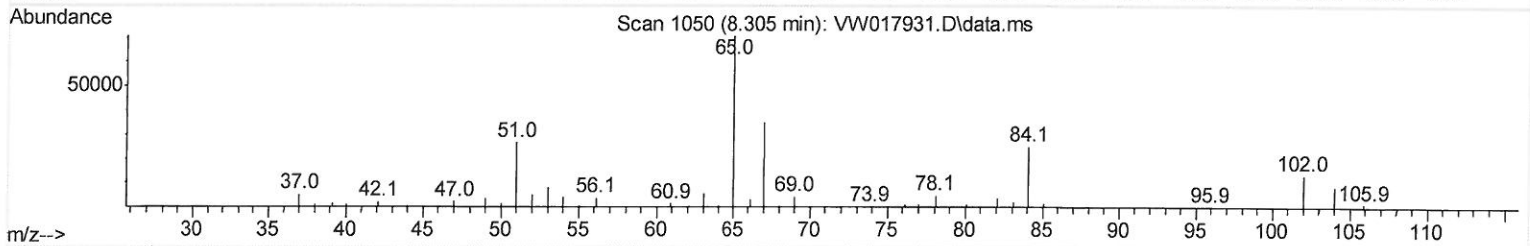
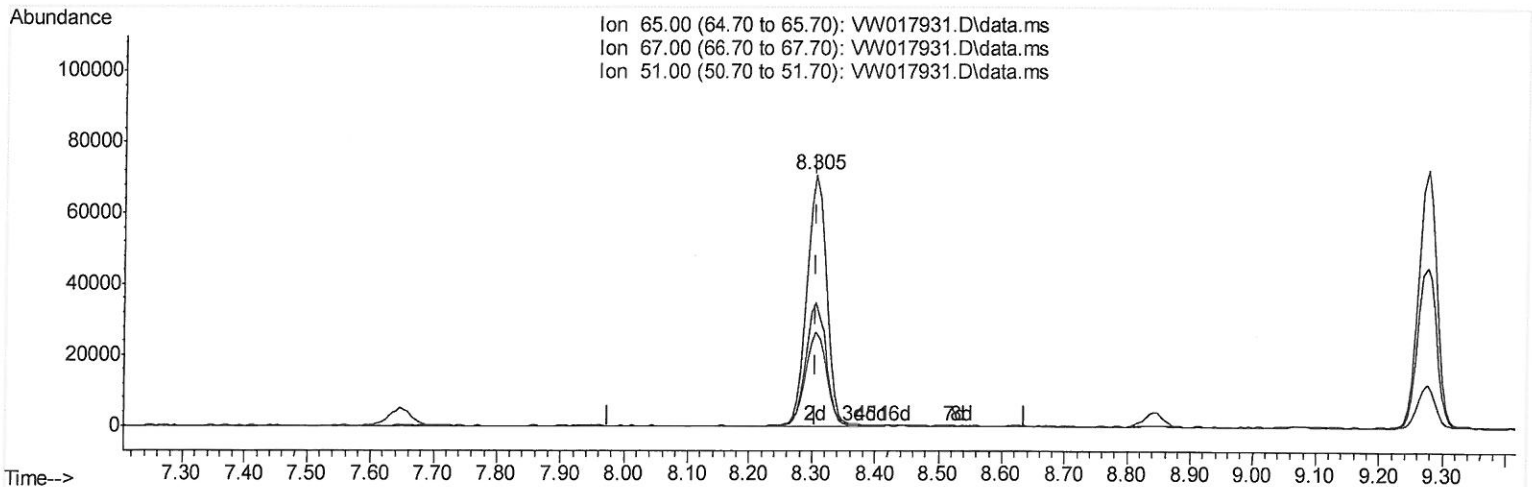
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TIC: VW017931.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.305min (-0.000) 26.33 ug/L m

response 152507

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	53.90	0.04#
51.00	108.50	0.06#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	375197	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	308802	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	102444	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	153764	26.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	104.44%		
7) Chloroethane-d5	2.891	69	123488	25.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	101.60%		
10) 1,1-Dichloroethene-d2	4.019	63	193096	18.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	72.60%		
20) 2-Butanone-d5	7.080	46	66928	47.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	94.00%		
24) Chloroform-d	7.647	84	253228	24.73	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.92%		
26) 1,2-Dichloroethane-d4	8.305	65	152507m	26.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.32%		
29) Benzene-d6	8.275	84	497011	28.12	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	112.48%		
33) 1,2-Dichloropropane-d6	9.274	67	144593	28.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	115.00%		
37) Toluene-d8	10.323	98	437480	26.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	105.44%		
38) trans-1,3-Dichloroprop...	10.579	79	58472	25.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	101.80%		
39) 2-Hexanone-d5	10.927	63	48803	54.13	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.26%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	109372	24.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	97.80%		
61) 1,2-Dichlorobenzene-d4	13.853	152	95332	26.74	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	106.96%		
Target Compounds			Qvalue			
13) Acetone	4.123	43	53760	53.60	ug/L	95
14) Carbon disulfide	4.391	76	16823	1.10	ug/L	96
16) Methylene chloride	4.915	84	7849m	1.44	ug/L	96
22) cis-1,2-Dichloroethene	7.171	96	4363	0.78	ug/L #	80
34) Benzene	8.323	78	21607	1.18	ug/L	100
35) Trichloroethene	9.091	95	17146	3.41	ug/L	92
36) Methylcyclohexane	9.329	83	5041	0.58	ug/L #	68
44) Toluene	10.384	91	14703	0.73	ug/L	89
47) Tetrachloroethene	10.859	164	46958	11.89	ug/L	97
52) Chlorobenzene	11.658	112	402115	30.91	ug/L	95
53) Ethylbenzene	11.731	91	5802	0.25	ug/L	96
54) m,p-Xylene	11.835	106	7895	0.90	ug/L	93
55) o-xylene	12.158	106	3258	0.40	ug/L	64
57) Isopropylbenzene	12.463	105	87768	3.86	ug/L	98
63) 1,3-Dichlorobenzene	13.499	146	43322	6.75	ug/L	95
64) 1,4-Dichlorobenzene	13.578	146	105614	16.38	ug/L	92

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

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