Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081219\

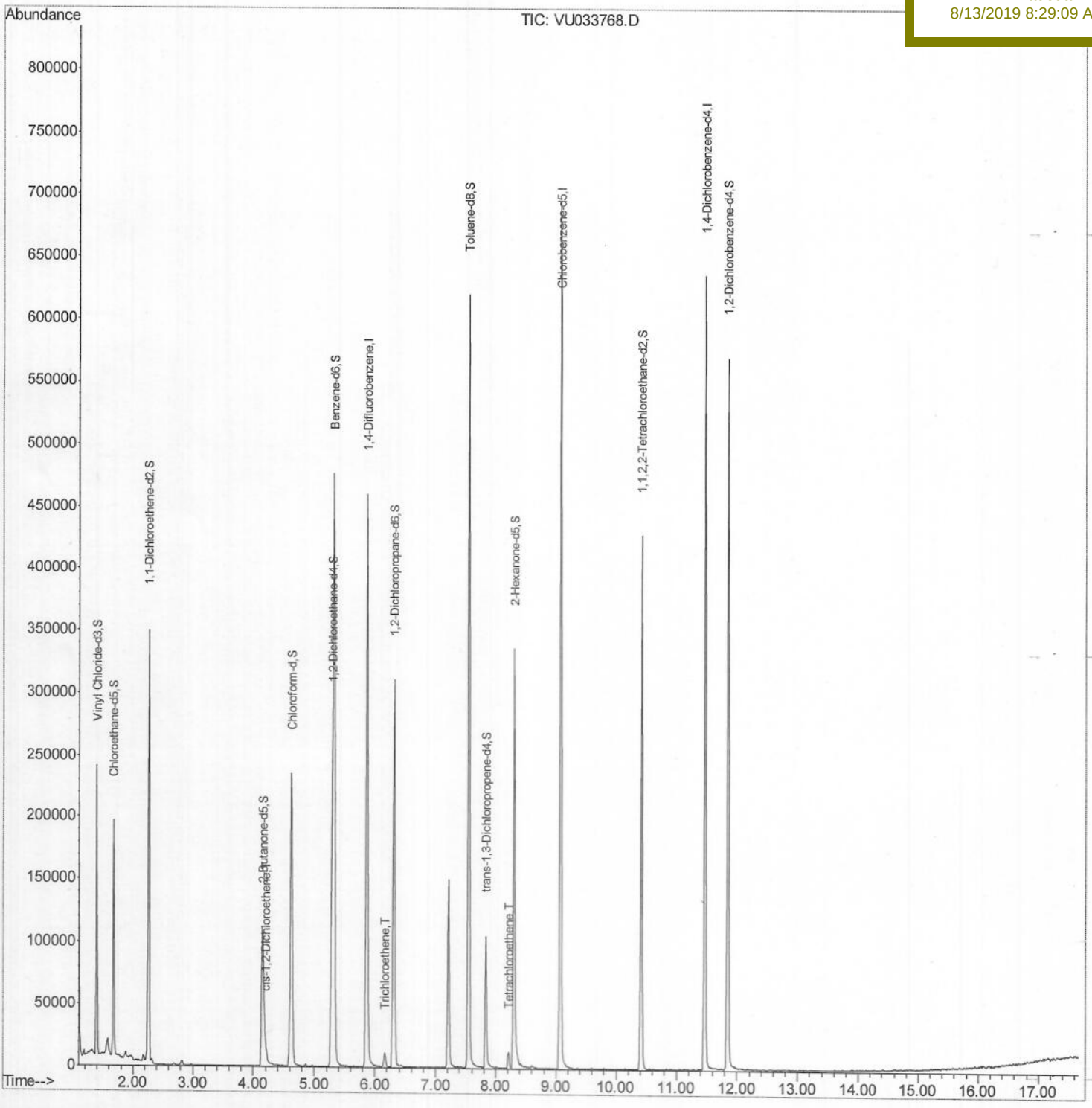
Quantitation Report (QT Reviewed)

Data File : VU033768.D
Acq On : 12 Aug 2019 13:52
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 13 01:43:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 13 01:24:52 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Manual Integrations APPROVED
MMDadoda
8/13/2019 8:29:09 AM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081219\

Quantitation Report (Qedit)

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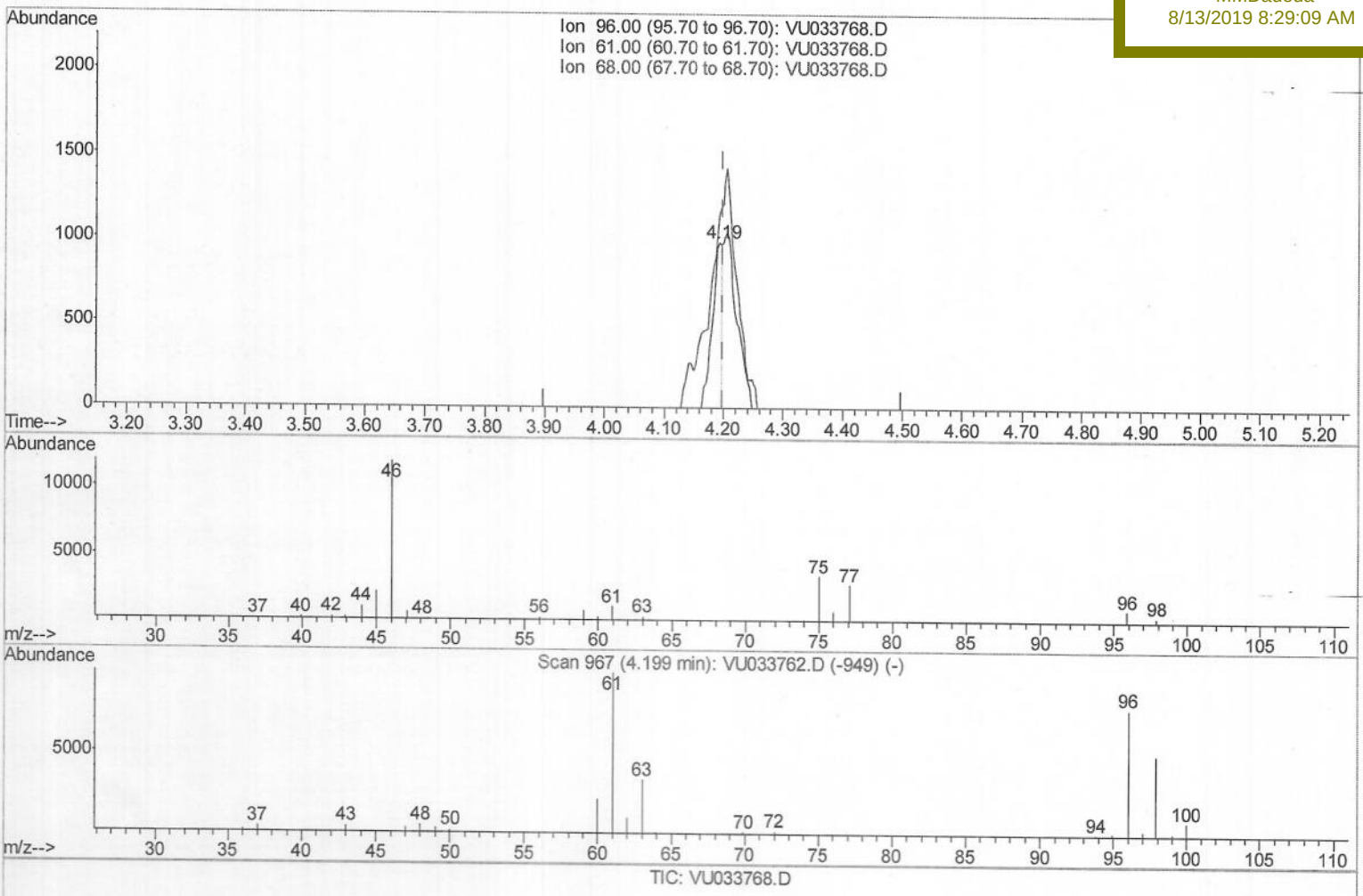
Quant Time: Aug 13 01:40:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 13 01:24:52 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Manual Integrations APPROVED
MMDadoda
8/13/2019 8:29:09 AM



TIC: VU033768.D

(20) cis-1,2-Dichloroethene (T)

4.193min (-0.006) 0.39ug/L

response 1076

Ion	Exp%	Act%
96.00	100	100
61.00	124.30	117.01
68.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081219\

Quantitation Report (Qedit)

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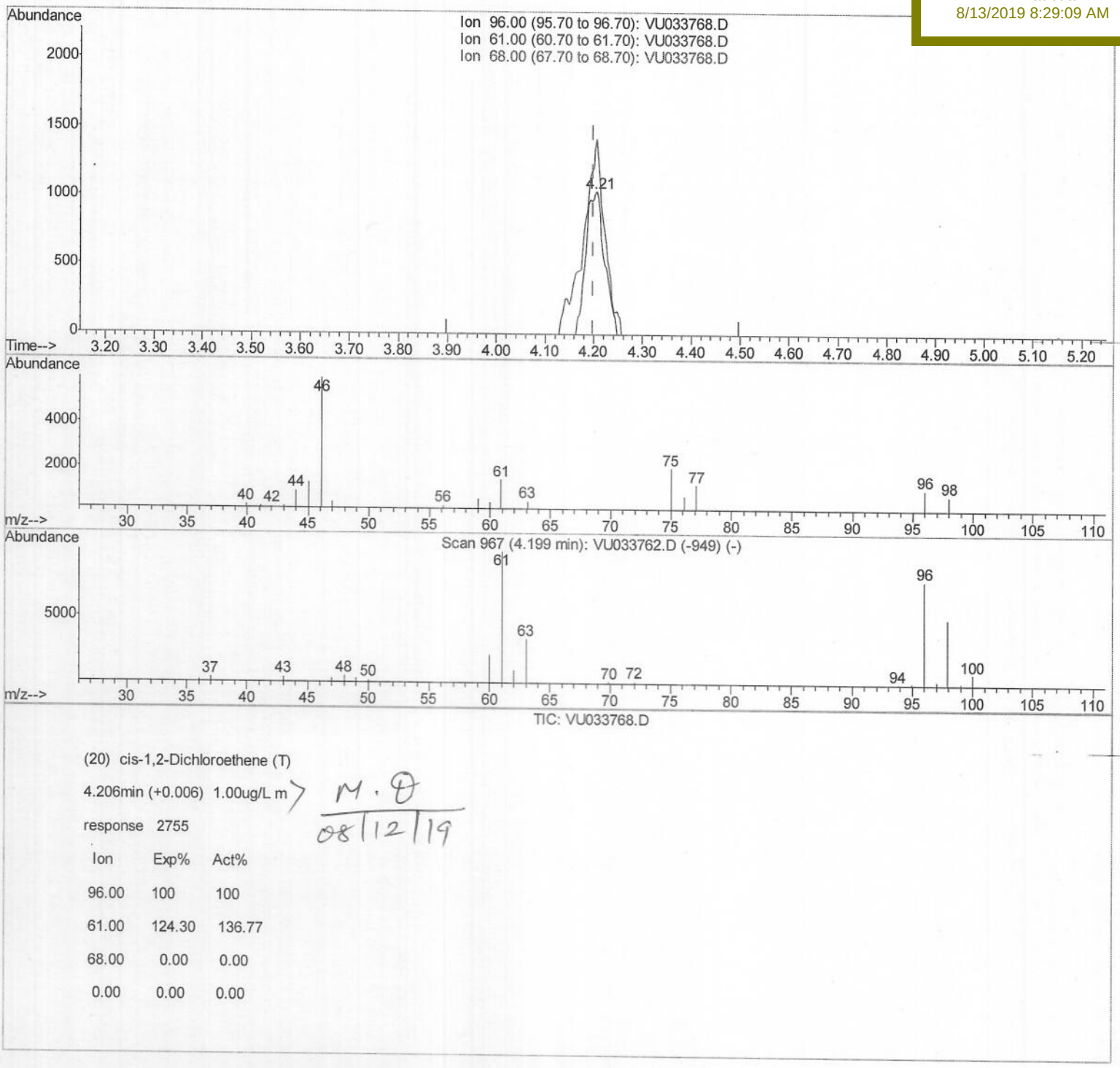
Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Manual Integrations APPROVED
MMDadoda
8/13/2019 8:29:09 AM



(20) cis-1,2-Dichloroethene (T)

4.206min (+0.006) 1.00ug/L m

response 2755

M.D 08/12/19

Ion	Exp%	Act%
96.00	100	100
61.00	124.30	136.77
68.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081219\

Quantitation Report (QT Reviewed)

Data File : VU033768.D
Acq On : 12 Aug 2019 13:52
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 13 01:43:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 13 01:24:52 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VIBLK40

Manual Integrations APPROVED
MMDadoda
8/13/2019 8:29:09 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	383844	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	381570	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	166664	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	151564	53.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.28%			
7) Chloroethane-d5	1.67	69	125116	44.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.36%			
11) 1,1-Dichloroethene-d2	2.26	63	195464	41.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.28%			
21) 2-Butanone-d5	4.15	46	171360	97.83	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.83%			
24) Chloroform-d	4.62	84	232896	55.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.96%			
26) 1,2-Dichloroethane-d4	5.29	65	151274	57.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.26%			
32) Benzene-d6	5.32	84	474431	52.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.36%			
36) 1,2-Dichloropropane-d6	6.31	67	153560	55.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.14%			
41) Toluene-d8	7.55	98	413235	48.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.58%			
43) trans-1,3-Dichloropropene-	7.83	79	61738	44.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.48%			
47) 2-Hexanone-d5	8.30	63	116037	81.07	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.07%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	209097	51.15	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.30%			
64) 1,2-Dichlorobenzene-d4	11.84	152	154547	55.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.20%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.21	96	2755m	0.998	ug/L	
34) Trichloroethene	6.17	95	2568	0.917	ug/L #	81
46) Tetrachloroethene	8.21	164	3236	1.401	ug/L	91

M. D 08/12/19

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