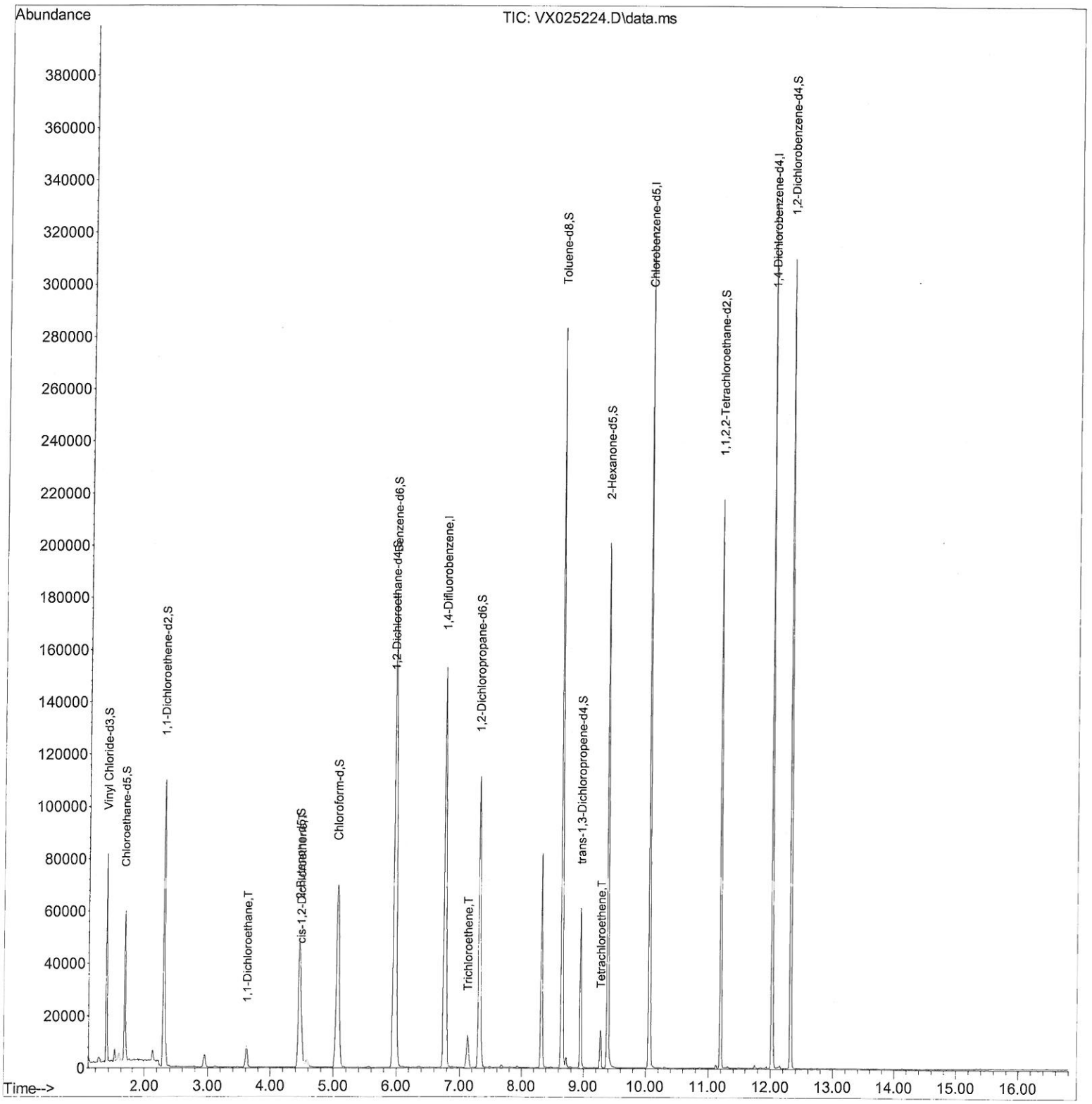
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025224.D
Acq On : 18 Nov 2021 21:07
Operator : JC/MD
Sample : M4677-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 19 05:30:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 19 05:25:45 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
H0AA7

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



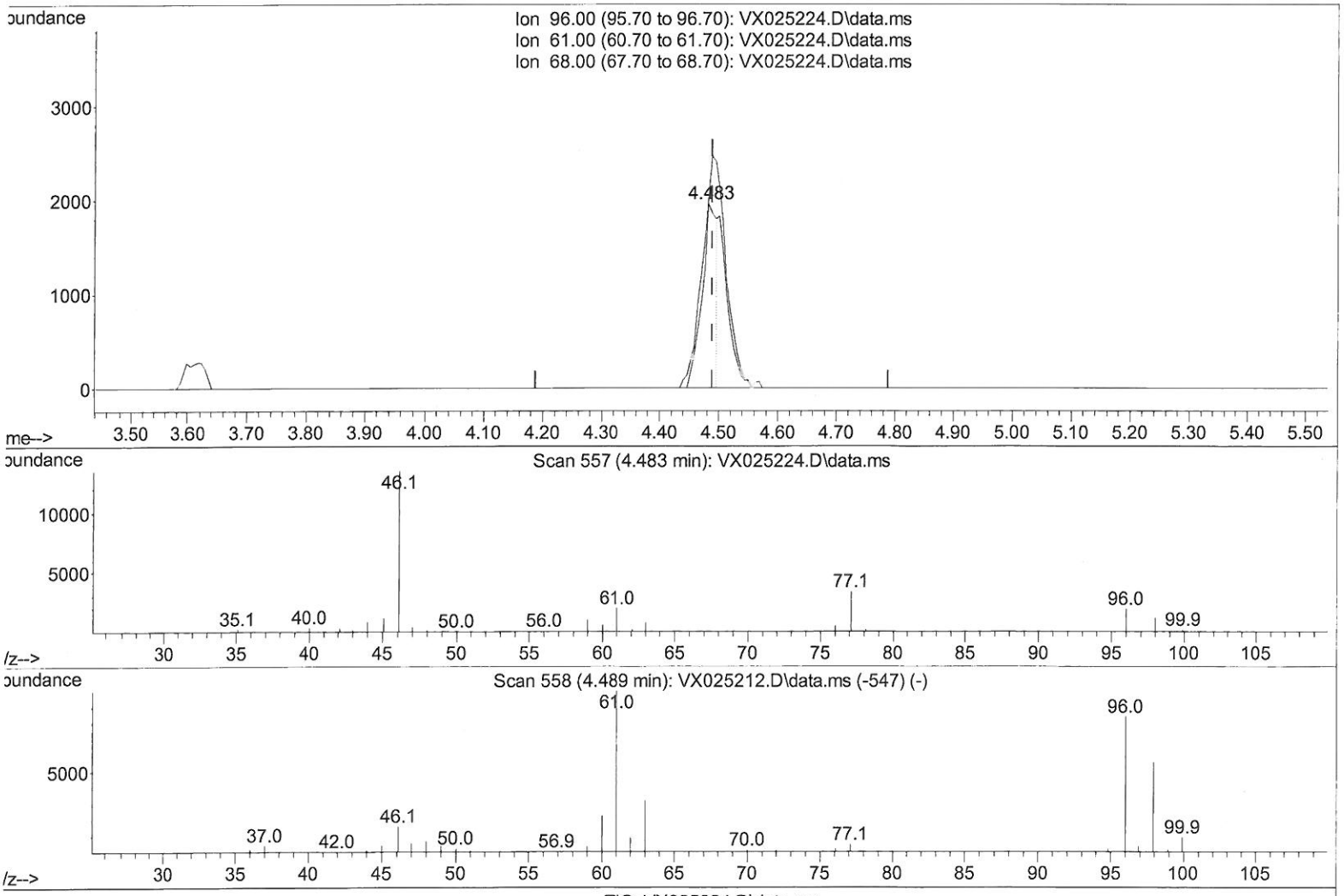
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025224.D
Acq On : 18 Nov 2021 21:07
Operator : JC/MD
Sample : M4677-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 19 05:30:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 19 05:25:45 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
H0AA7

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



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

4.483min (-0.006) 2.53 ug/L

response 3275

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	118.00	102.34
68.00	0.00	0.00
0.00	0.00	0.00

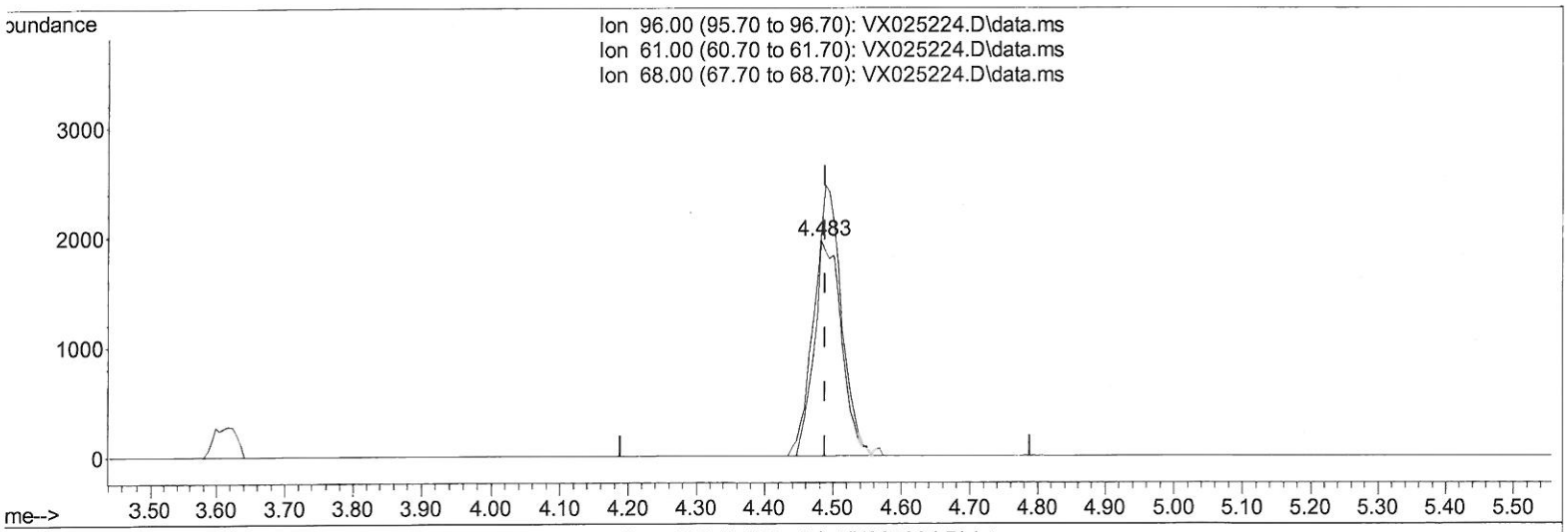
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025224.D
Acq On : 18 Nov 2021 21:07
Operator : JC/MD
Sample : M4677-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

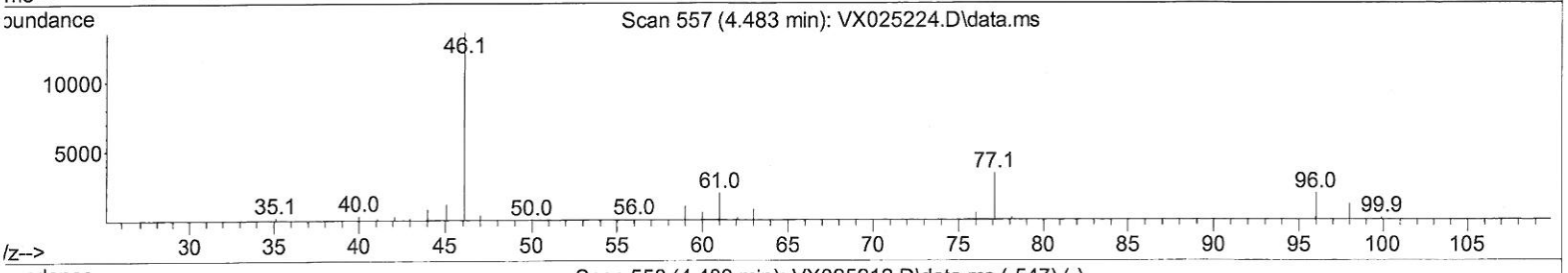
Quant Time: Nov 19 05:30:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 19 05:25:45 2021
Response via : Initial Calibration

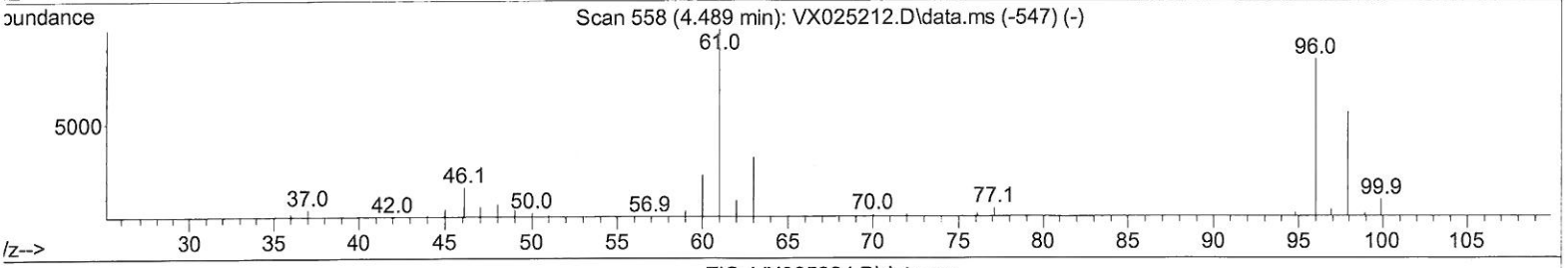
Instrument :
MSVOA_X
ClientSampleId :
H0AA7

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021







TIC: VX025224.D\data.ms

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

4.483min (-0.006) 4.21 ug/L m

response 5450

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	118.00	102.34
68.00	0.00	0.00
0.00	0.00	0.00

11/23/21

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025224.D
Acq On : 18 Nov 2021 21:07
Operator : JC/MD
Sample : M4677-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 19 05:30:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 19 05:25:45 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
H0AA7

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	168828	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	152072	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	71788	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	46252	40.552	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.100%			
7) Chloroethane-d5	1.666	69	40160	61.780	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 123.560%			
11) 1,1-Dichloroethene-d2	2.306	63	60197	30.686	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.380%			
21) 2-Butanone-d5	4.458	46	80079	92.908	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.910%			
24) Chloroform-d	5.062	84	88539	44.126	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.260%			
26) 1,2-Dichloroethane-d4	5.958	65	57179	47.014	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.020%			
32) Benzene-d6	5.976	84	184957	44.563	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.120%			
36) 1,2-Dichloropropane-d6	7.311	67	56439	44.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.060%			
41) Toluene-d8	8.653	98	169017	42.642	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.280%			
43) trans-1,3-Dichloroprop...	8.951	79	27734	40.313	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.620%			
47) 2-Hexanone-d5	9.384	63	61309	90.089	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.090%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	81369	44.578	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.160%			
66) 1,2-Dichlorobenzene-d4	12.323	152	65928	46.328	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.660%			
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.617	63	9080	4.592	ug/L	93
20) cis-1,2-Dichloroethene	4.483	96	5450m	4.213	ug/L	
34) Trichloroethene	7.129	95	3988	3.266	ug/L	86
46) Tetrachloroethene	9.281	164	2759	2.708	ug/L	78

MD 11/23/21

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