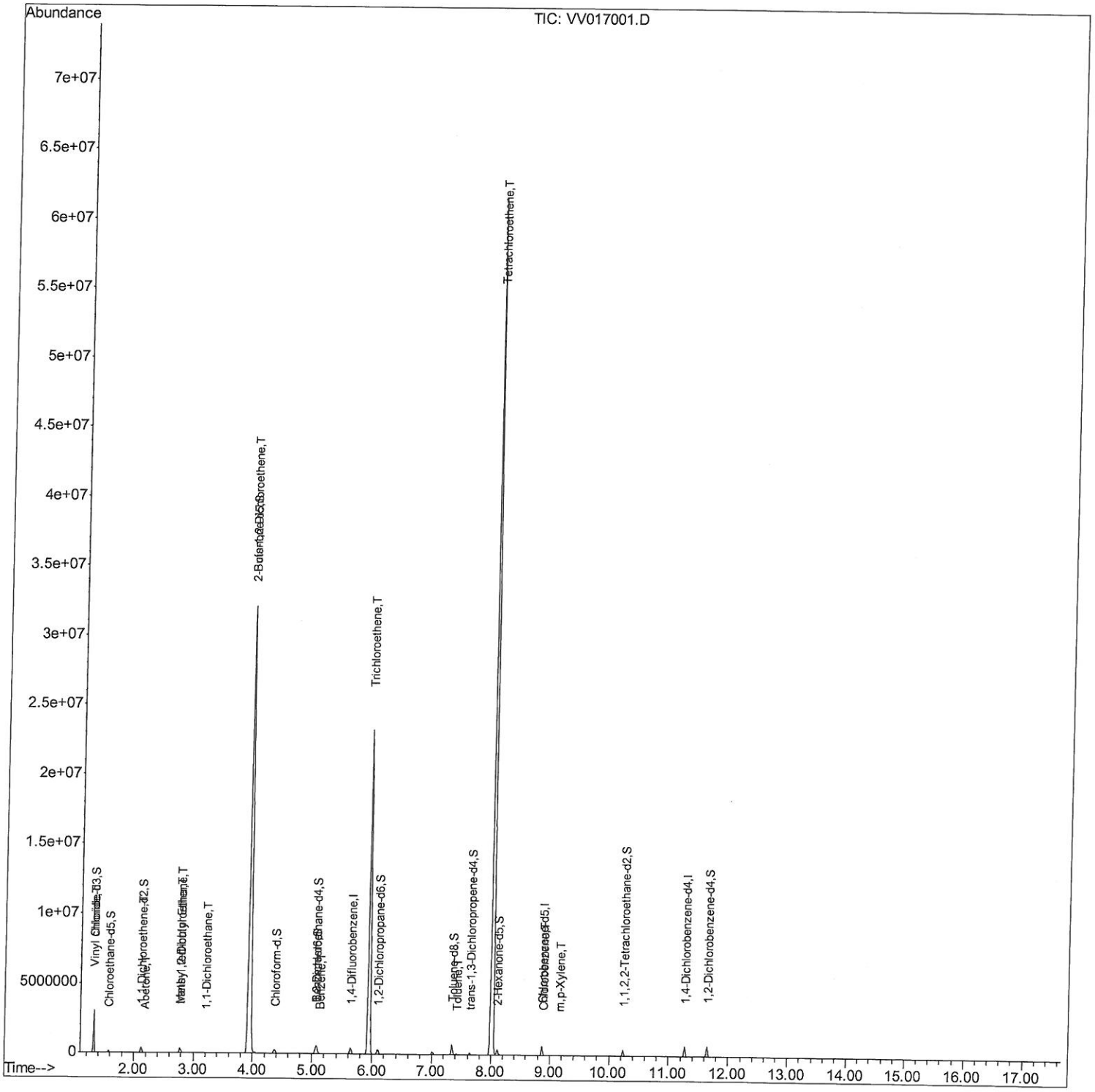
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061920\
Data File : VV017001.D
Acq On : 19 Jun 2020 15:27
Operator : SY/MD
Sample : L3074-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 04:25:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 20 02:04:09 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
F9M04

Manual Integrations APPROVED
MMDadoda
6/22/2020 4:32:37 PM



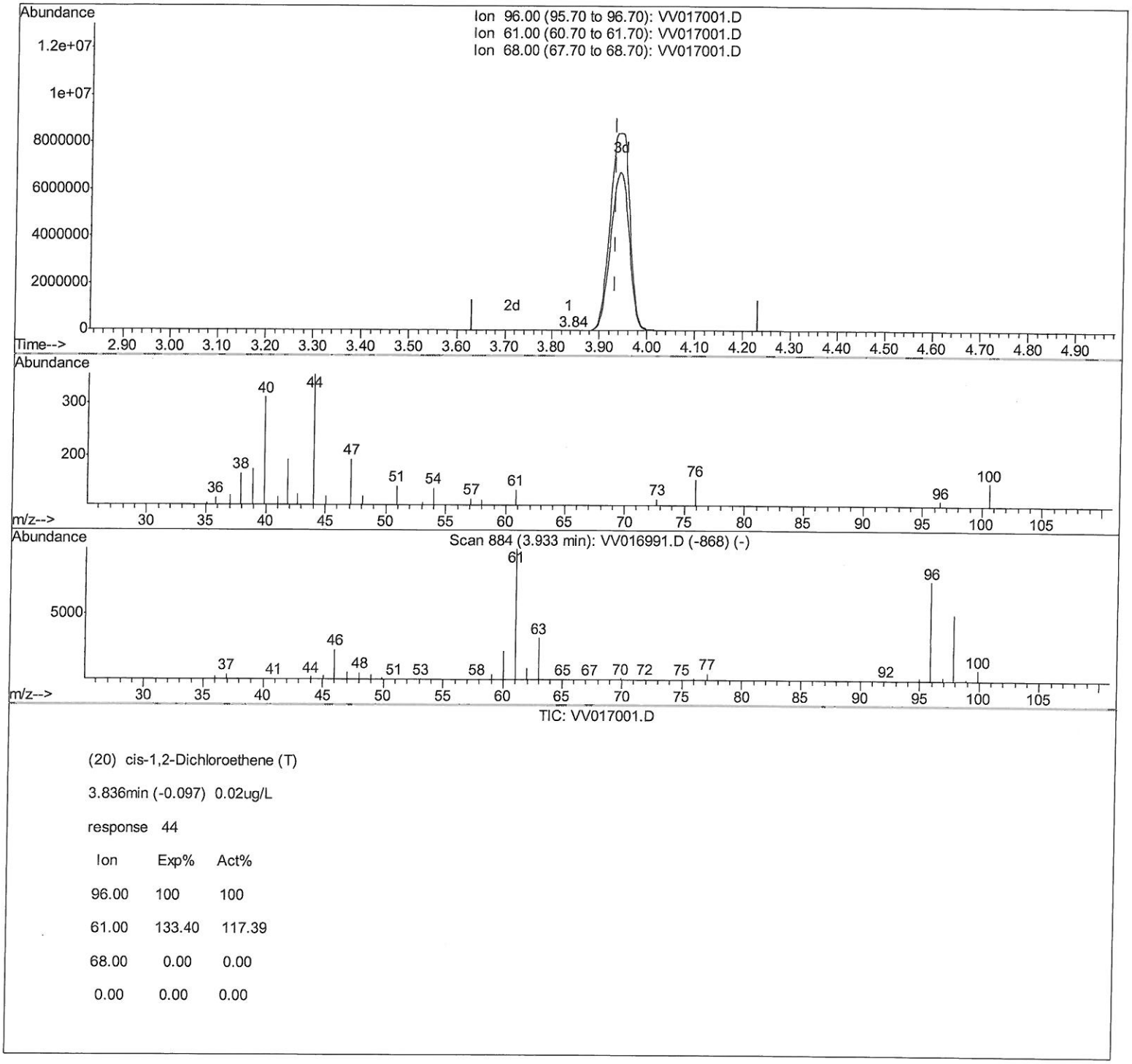
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061920\
Data File : VV017001.D
Acq On : 19 Jun 2020 15:27
Operator : SY/MD
Sample : L3074-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 20 02:06:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 20 02:04:09 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
F9M04

Manual Integrations APPROVED
MMDadoda
6/22/2020 4:32:37 PM



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

3.836min (-0.097) 0.02ug/L

response 44

Ion	Exp%	Act%
96.00	100	100
61.00	133.40	117.39
68.00	0.00	0.00
0.00	0.00	0.00

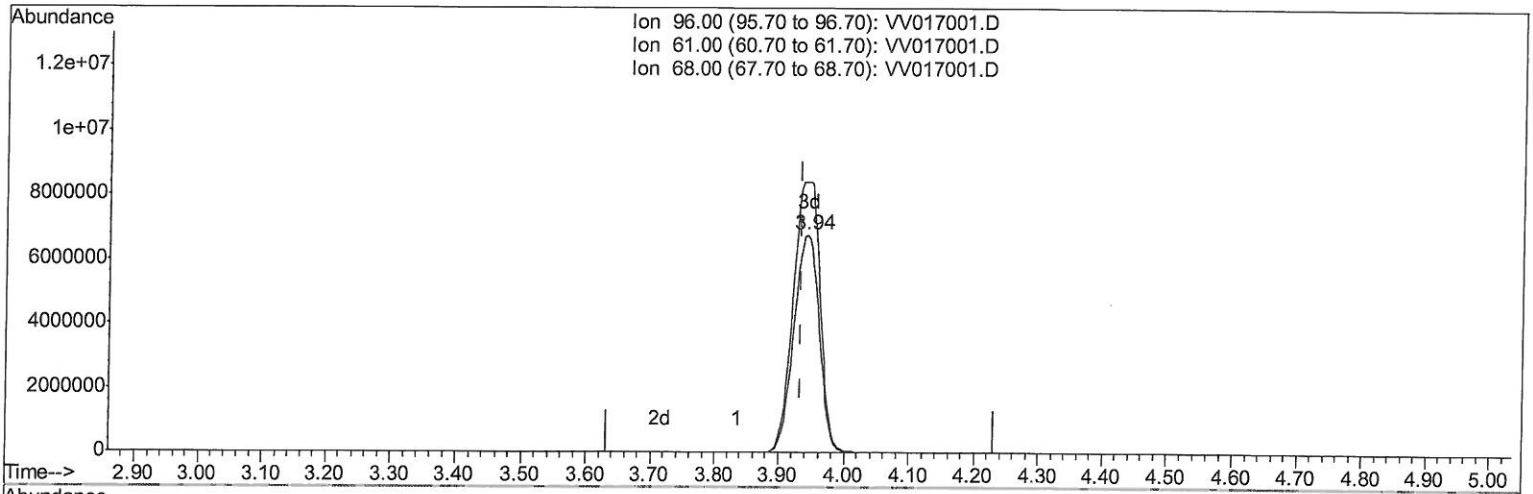
Quantitation Report (Qedit)

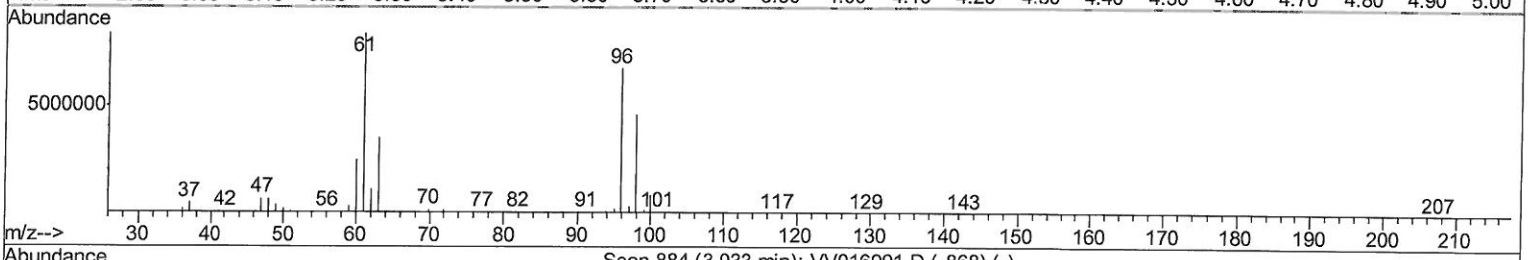
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061920\
Data File : VV017001.D
Acq On : 19 Jun 2020 15:27
Operator : SY/MD
Sample : L3074-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

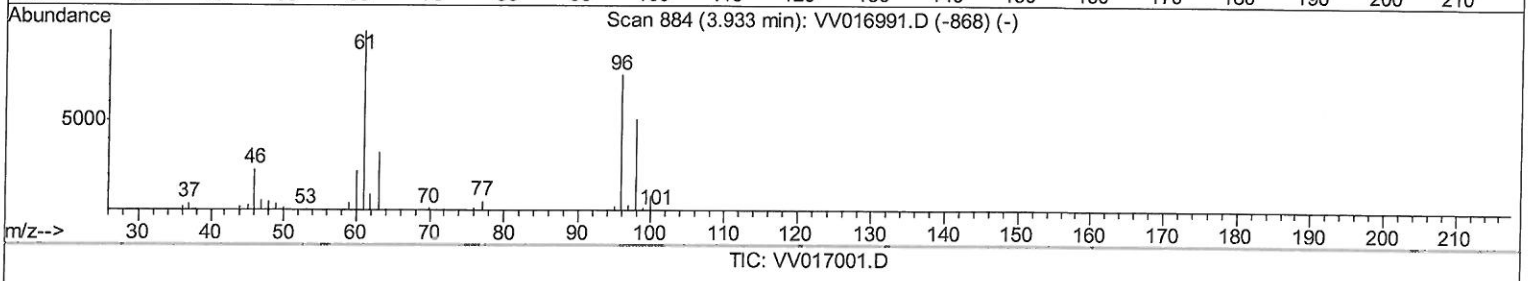
Quant Time: Jun 20 02:06:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 20 02:04:09 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
F9M04

Manual Integrations APPROVED
MMDadoda
6/22/2020 4:32:37 PM







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

3.942min (+0.010) 7002.43ug/L m

response 18287626

MD 06/25/20

Ion	Exp%	Act%
96.00	100	100
61.00	133.40	124.17
68.00	0.00	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061920\
Data File : VV017001.D
Acq On : 19 Jun 2020 15:27
Operator : SY/MD
Sample : L3074-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9M04

Manual Integrations APPROVED
MMDadoda
6/22/2020 4:32:37 PM

Quant Time: Jun 20 04:25:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 20 02:04:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	353994	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	341194	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	174337	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	123116	49.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.58%			
7) Chloroethane-d5	1.58	69	73400	48.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.94%			
11) 1,1-Dichloroethene-d2	2.12	63	179399	42.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.54%			
21) 2-Butanone-d5	3.93	46	171038	92.52	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.52%			
24) Chloroform-d	4.38	84	239464	47.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.30%			
26) 1,2-Dichloroethane-d4	5.06	65	170037	49.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.44%			
32) Benzene-d6	5.07	84	463634	47.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.28%			
36) 1,2-Dichloropropane-d6	6.09	67	145780	47.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.10%			
41) Toluene-d8	7.34	98	433350	48.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.02%			
43) trans-1,3-Dichloropropene-	7.64	79	75231	47.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.22%			
47) 2-Hexanone-d5	8.11	63	126979	95.00	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.00%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	187764	46.26	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.52%			
64) 1,2-Dichlorobenzene-d4	11.65	152	180521	48.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.04%			

Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	1724394	683.223	ug/L	100
12) 1,1-Dichloroethene	2.13	96	29060	16.540	ug/L #	16
13) Acetone	2.19	43	2460	2.020	ug/L	75
17) trans-1,2-Dichloroethene	2.78	96	108454	45.273	ug/L	92
18) Methyl tert-butyl Ether	2.78	73	54672	6.888	ug/L	97
19) 1,1-Dichloroethane	3.22	63	3672	0.814	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	18287626m	7002.429	ug/L	
33) Benzene	5.13	78	27214	2.696	ug/L	100
34) Trichloroethene	5.94	95	8007873	2957.745	ug/L	97
42) Toluene	7.41	91	37469	3.521	ug/L	98
46) Tetrachloroethene	8.02	164	15103364	7093.005	ug/L	93
51) Chlorobenzene	8.91	112	7324	1.055	ug/L	89
53) m,p-Xylene	9.17	106	5084	1.158	ug/L	98

JMD 06/25/20

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