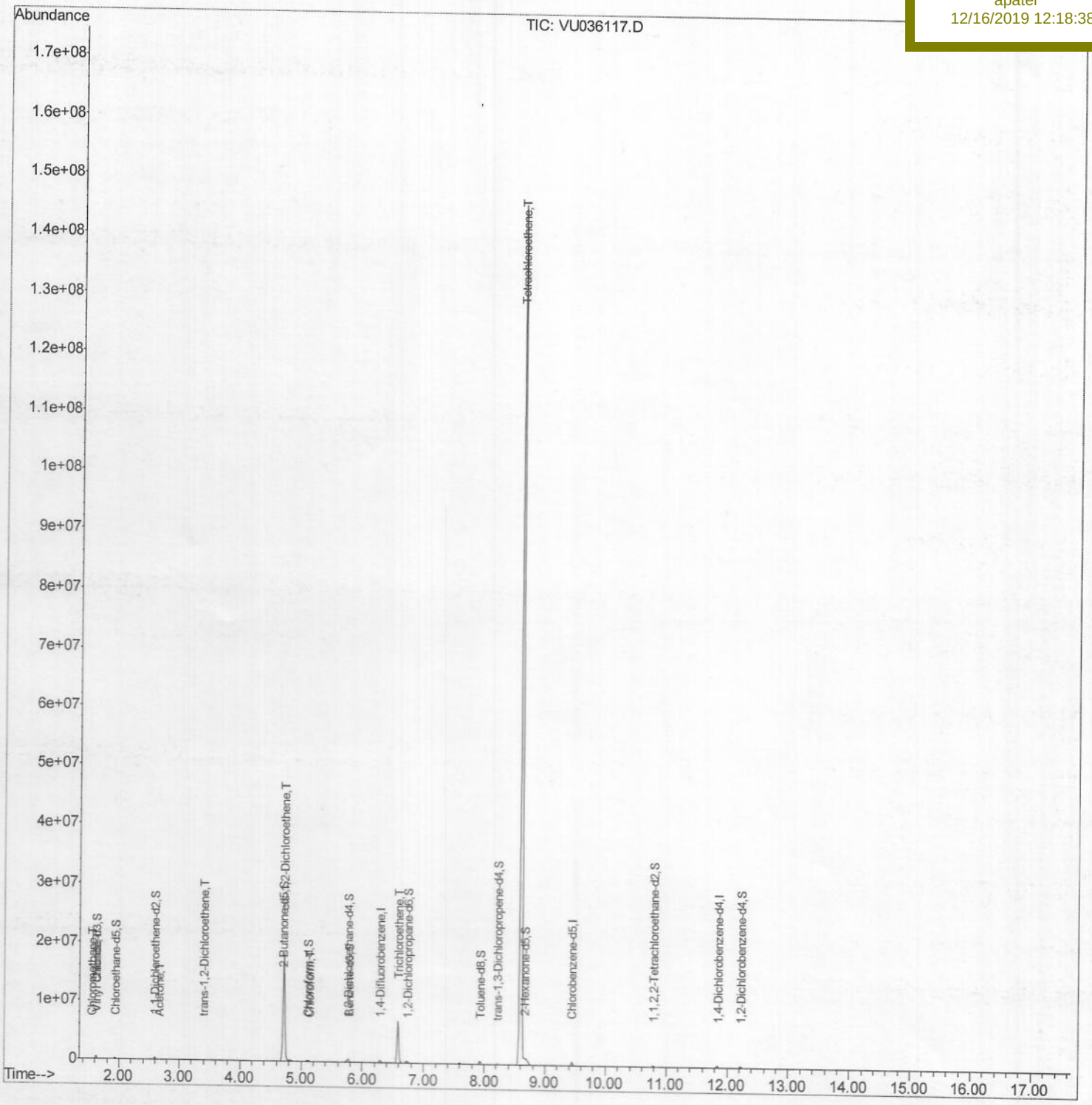
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU121019\
Data File : VU036117.D
Acq On : 11 Dec 2019 05:49
Operator : JC/MD
Sample : K6214-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Dec 26 08:03:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 26 07:54:55 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BD806

Manual Integrations APPROVED
apatel
12/16/2019 12:18:38 PM



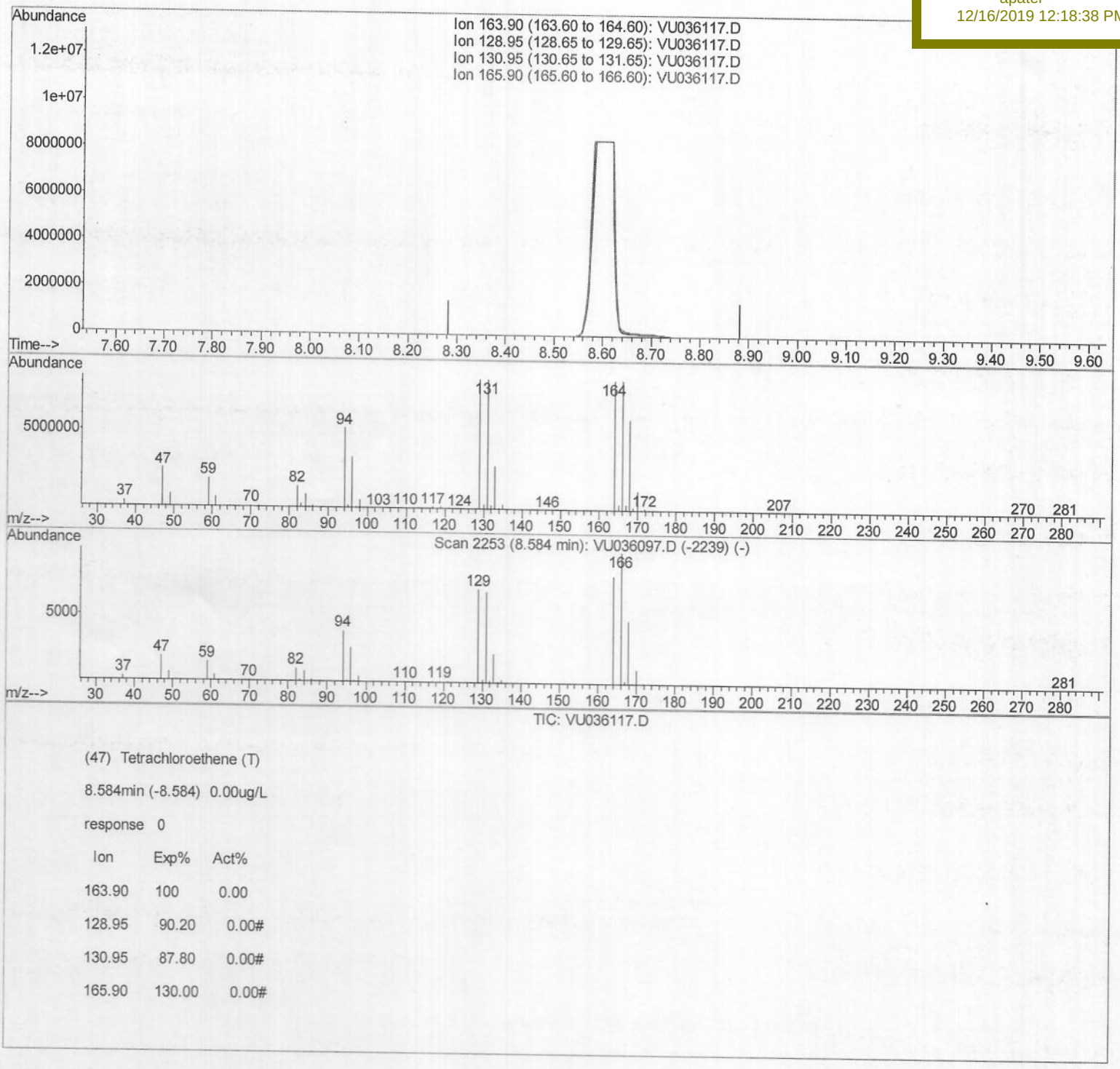
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121019\
Data File : VU036117.D
Acq On : 11 Dec 2019 05:49
Operator : JC/MD
Sample : K6214-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Dec 26 08:00:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 26 07:54:55 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BD806

Manual Integrations APPROVED
apatel
12/16/2019 12:18:38 PM



TIC: VU036117.D

(47) Tetrachloroethene (T)

8.584min (-8.584) 0.00ug/L

response 0

Ion	Exp%	Act%
163.90	100	0.00
128.95	90.20	0.00#
130.95	87.80	0.00#
165.90	130.00	0.00#

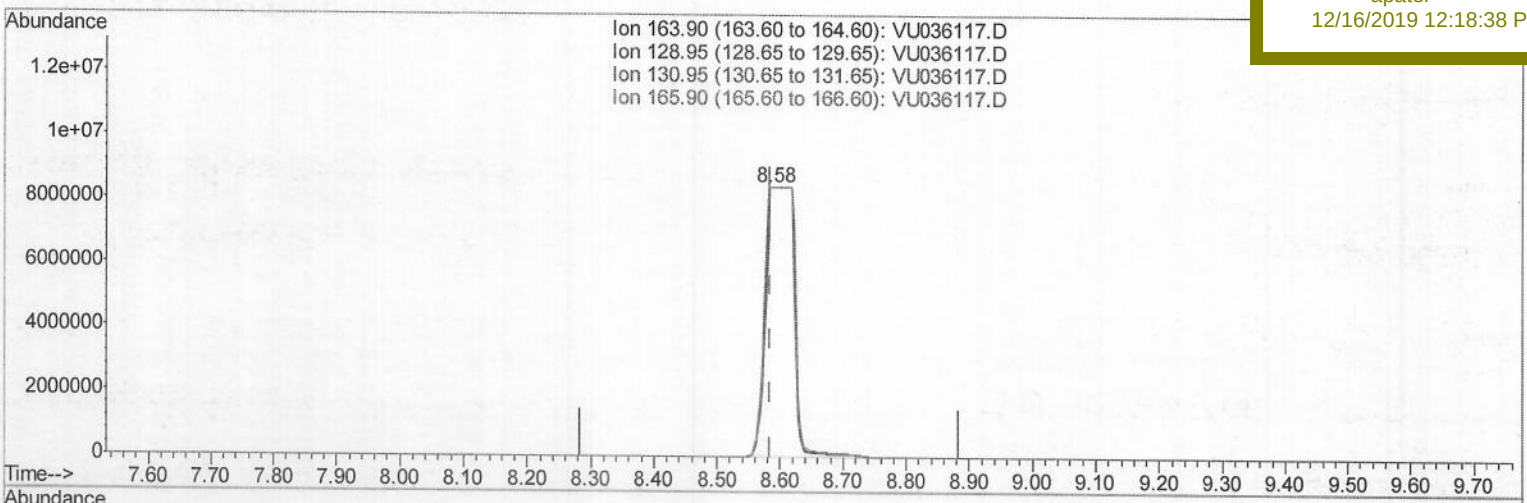
Quantitation Report (Qedit)

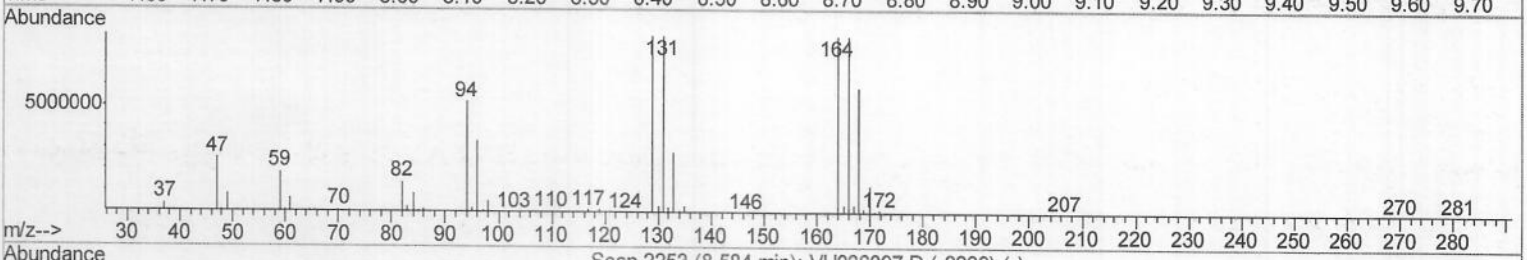
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121019\
Data File : VU036117.D
Acq On : 11 Dec 2019 05:49
Operator : JC/MD
Sample : K6214-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

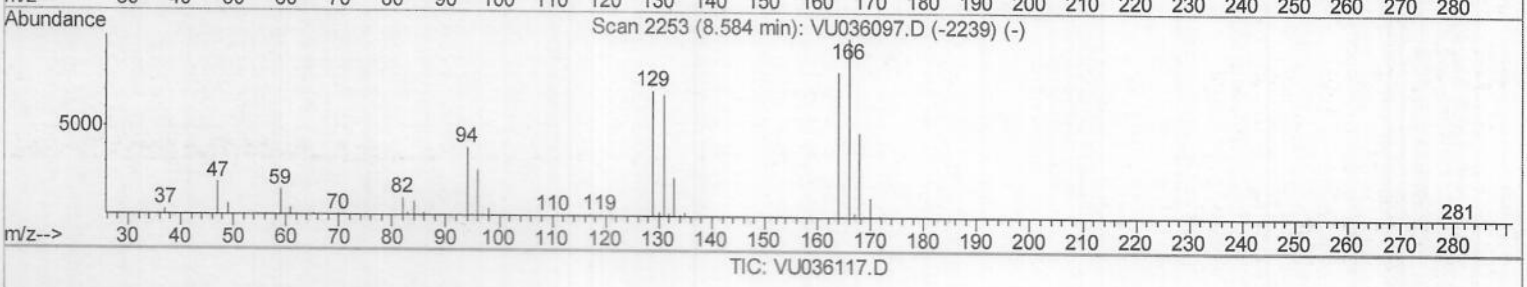
Quant Time: Dec 11 07:57:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 07:30:58 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BD806

Manual Integrations APPROVED
apatel
12/16/2019 12:18:38 PM







TIC: VU036117.D

(47) Tetrachloroethene (T)

8.584min (+0.000) 1131.39ug/L m

response 26341857

MD 12/16/19

Ion	Exp%	Act%
163.90	100	100
128.95	90.20	100.00
130.95	87.80	100.00
165.90	130.00	100.00

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121019\
Data File : VU036117.D
Acq On : 11 Dec 2019 05:49
Operator : JC/MD
Sample : K6214-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Dec 11 07:57:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 07:30:58 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : BD806

Manual Integrations APPROVED
apatel
12/16/2019 12:18:38 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	305203	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	337475	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	95252	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	124354	4.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.40%			
7) Chloroethane-d5	1.93	69	121467	4.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.00%			
11) 1,1-Dichloroethene-d2	2.59	63	141339	2.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.80%#			
20) 2-Butanone-d5	4.69	46	265311	57.24	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.48%			
24) Chloroform-d	5.11	84	183027	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.80%			
26) 1,2-Dichloroethane-d4	5.75	65	106983	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
32) Benzene-d6	5.77	84	395829	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
36) 1,2-Dichloropropane-d6	6.73	67	127304	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.93	98	328240	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.20%			
43) trans-1,3-Dichloropropene-	8.21	79	44899	4.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.60%			
46) 2-Hexanone-d5	8.68	63	249466	64.21	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 128.42%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	112988	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	86599	4.73	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.60%			
Target Compounds						Qvalue
3) Chloromethane	1.54	50	6893	0.235	ug/L	90
5) Vinyl chloride	1.62	62	224944	7.360	ug/L	99
13) Acetone	2.66	43	17279	2.936	ug/L	96
18) trans-1,2-Dichloroethene	3.39	96	33804	1.491	ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	10047283	422.381	ug/L #	98
25) Chloroform	5.14	83	20921	0.461	ug/L	92
34) Trichloroethene	6.58	95	2418986	98.778	ug/L	97
47) Tetrachloroethene	8.58	164	26341857m	1131.387	ug/L	

MD 12/16/19

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