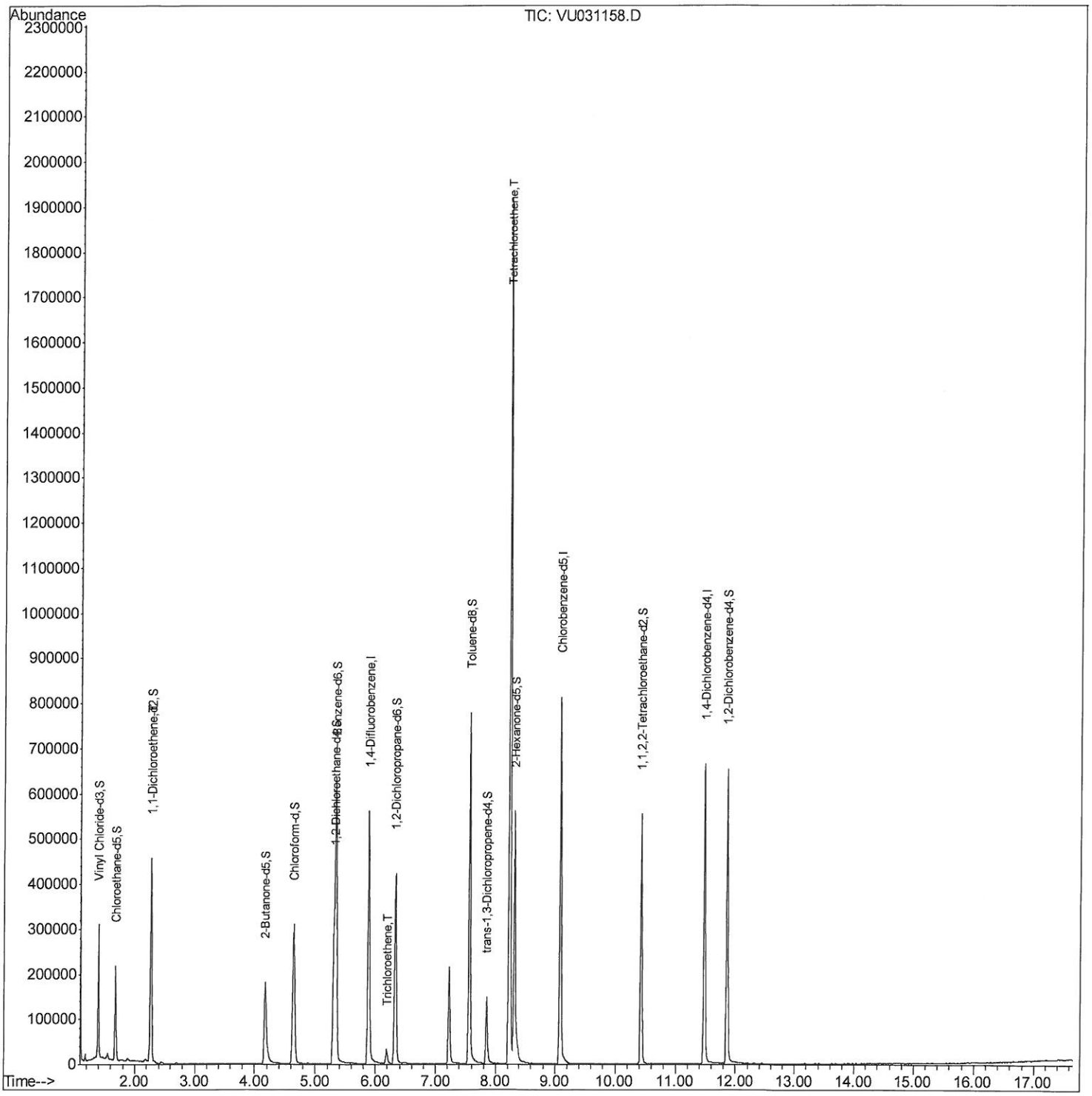
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041319\
Data File : VU031158.D
Acq On : 13 Apr 2019 15:53
Operator : JC/SP
Sample : K2354-13 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 13 23:00:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 22:25:59 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF2T4

Manual Integrations APPROVED
MMDadoda
4/15/2019 12:01:37 PM



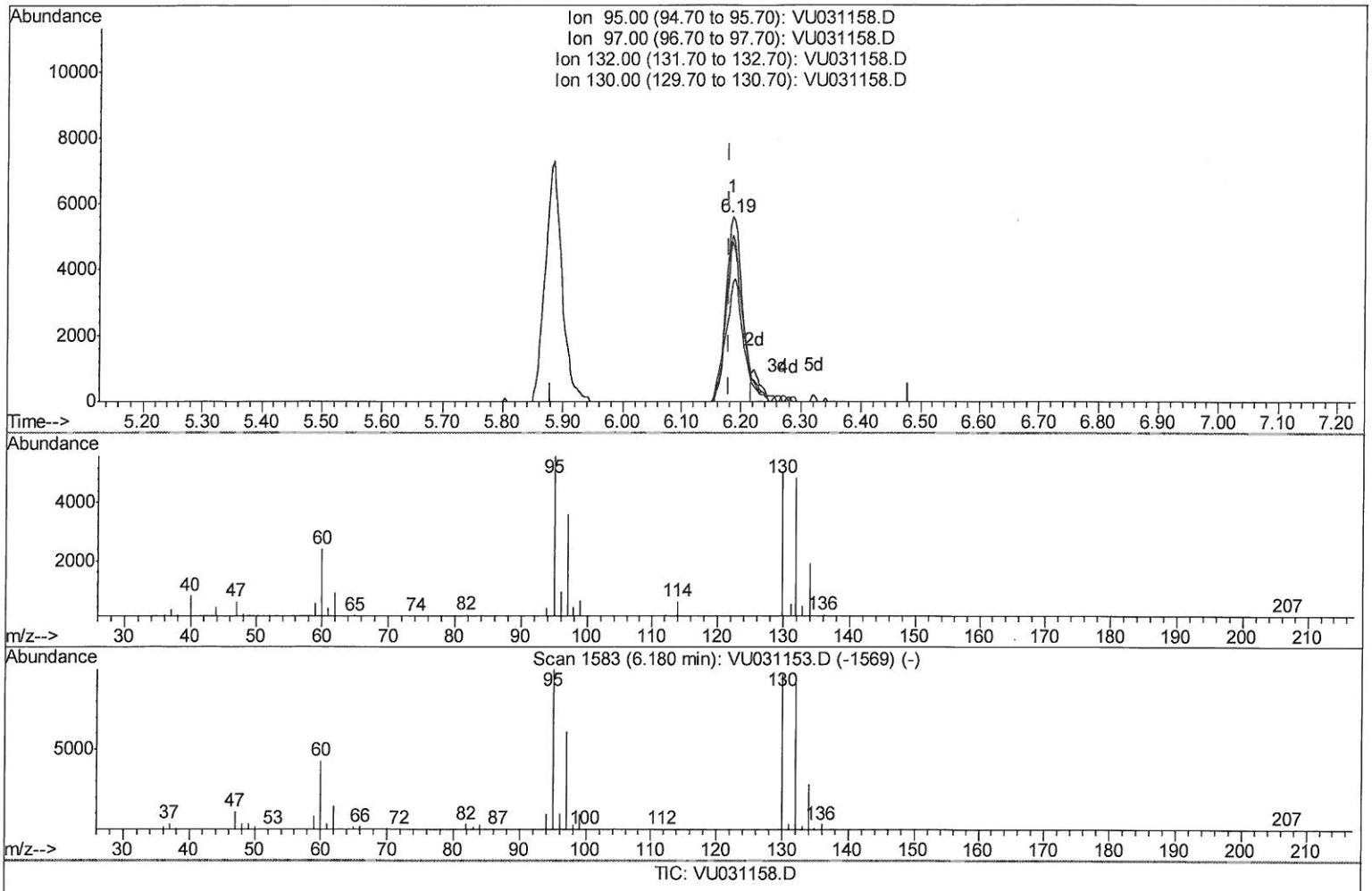
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041319\
Data File : VU031158.D
Acq On : 13 Apr 2019 15:53
Operator : JC/SP
Sample : K2354-13 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 13 22:31:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 22:25:59 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF2T4

Manual Integrations APPROVED
MMDadoda
4/15/2019 12:01:37 PM



TIC: VU031158.D

(34) Trichloroethene (T)

6.186min (+0.006) 2.85ug/L

response 10456

Ion	Exp%	Act%
95.00	100	100
97.00	63.60	64.50
132.00	87.80	86.56
130.00	92.70	90.08

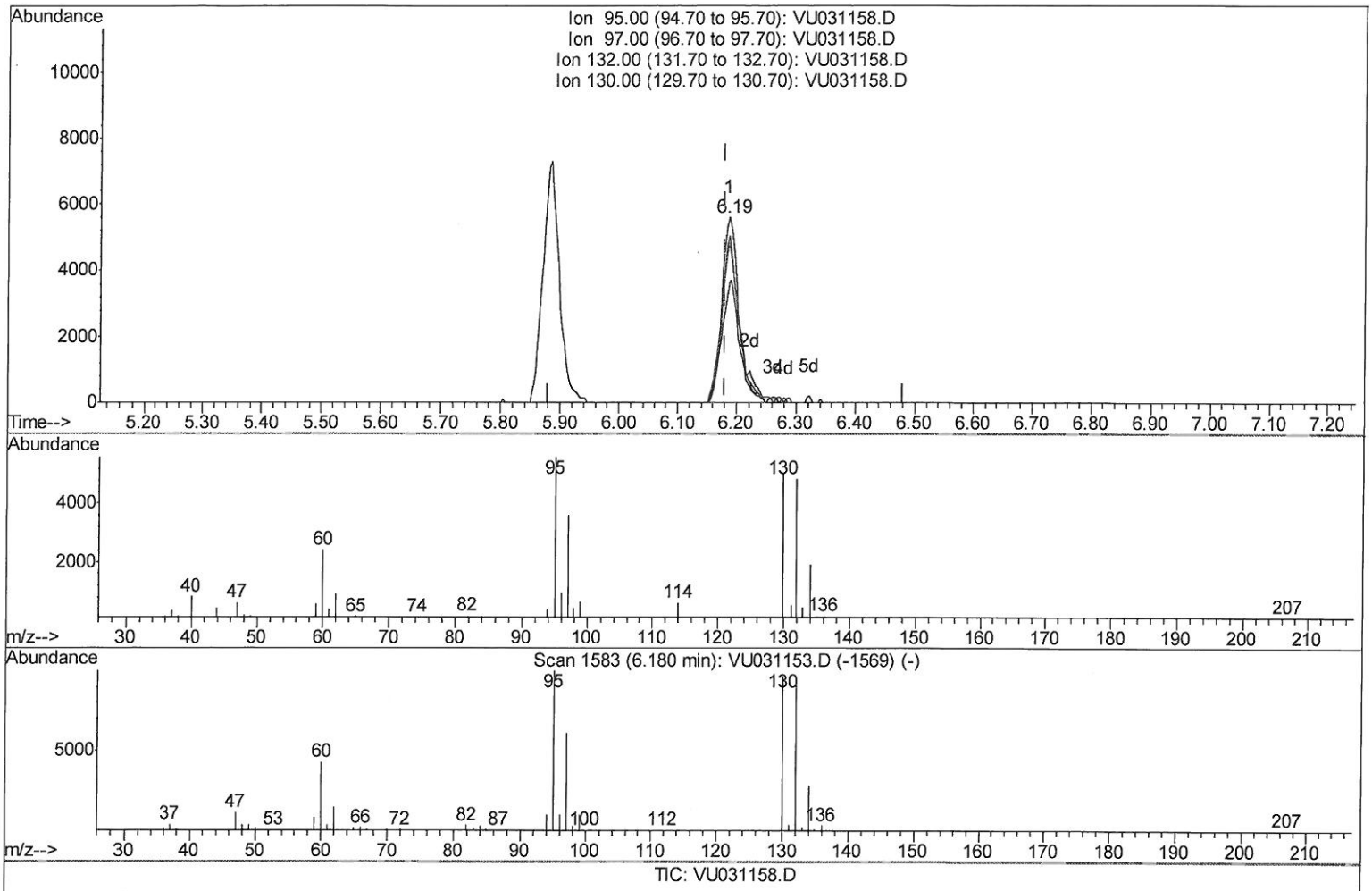
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041319\
Data File : VU031158.D
Acq On : 13 Apr 2019 15:53
Operator : JC/SP
Sample : K2354-13 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 13 22:31:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 22:25:59 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF2T4

Manual Integrations APPROVED
MMDadoda
4/15/2019 12:01:37 PM



TIC: VU031158.D

(34) Trichloroethene (T)

6.186min (+0.006) 3.12ug/L m

response 11439

Ion	Exp%	Act%
95.00	100	100
97.00	63.60	64.50
132.00	87.80	86.56
130.00	92.70	90.08

MD 4/17/19

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041319\
Data File : VU031158.D
Acq On : 13 Apr 2019 15:53
Operator : JC/SP
Sample : K2354-13 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2T4

Manual Integrations APPROVED
MMDadoda
4/15/2019 12:01:37 PM

Quant Time: Apr 13 23:00:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 22:25:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	469548	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	456633	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	177521	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	192382	45.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.80%			
7) Chloroethane-d5	1.68	69	152175	47.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.66%			
11) 1,1-Dichloroethene-d2	2.27	63	261441	34.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.98%			
21) 2-Butanone-d5	4.17	46	301977	90.90	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.90%			
24) Chloroform-d	4.64	84	309423	48.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.66%			
26) 1,2-Dichloroethane-d4	5.31	65	209374	47.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.84%			
32) Benzene-d6	5.34	84	626525	47.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.00%			
36) 1,2-Dichloropropane-d6	6.32	67	209246	45.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.60%			
41) Toluene-d8	7.56	98	528740	44.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.50%			
43) trans-1,3-Dichloropropene-	7.85	79	89227	42.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.66%			
47) 2-Hexanone-d5	8.31	63	180430	86.41	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.41%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	282703	45.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.76%			
64) 1,2-Dichlorobenzene-d4	11.86	152	181081	51.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.74%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.28	96	14414	4.441	ug/L #	1
34) Trichloroethene	6.19	95	11439m	3.121	ug/L	
46) Tetrachloroethene	8.22	164	445346	167.135	ug/L	99

JMD 4/17/19

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