Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072519\

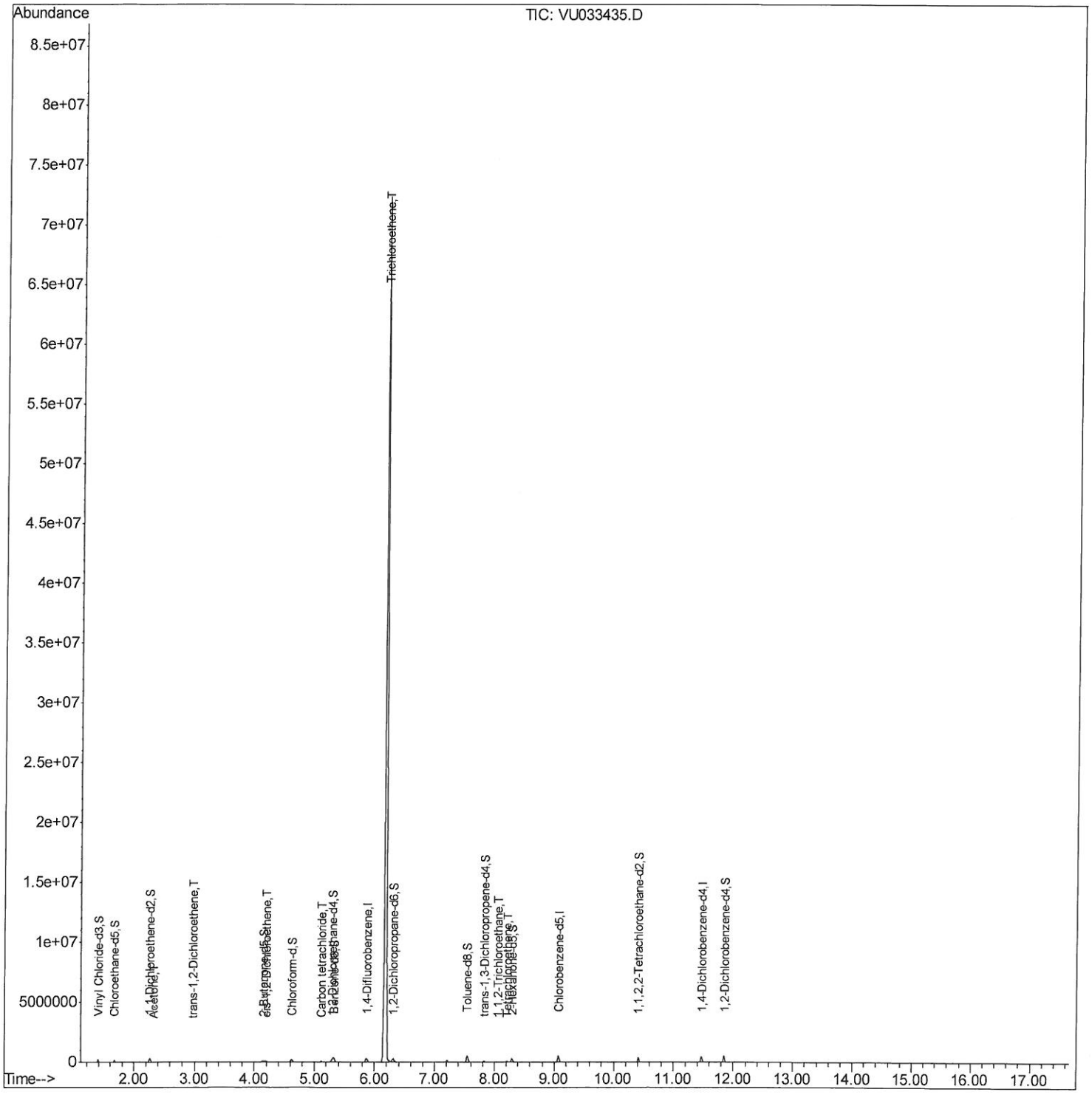
Quantitation Report (QT Reviewed)

Data File : VU033435.D
Acq On : 26 Jul 2019 01:18
Operator : JC/SP
Sample : K3976-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jul 26 08:01:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 05:48:12 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0CA9

Manual Integrations APPROVED
MMDadoda
7/26/2019 10:53:40 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072519\

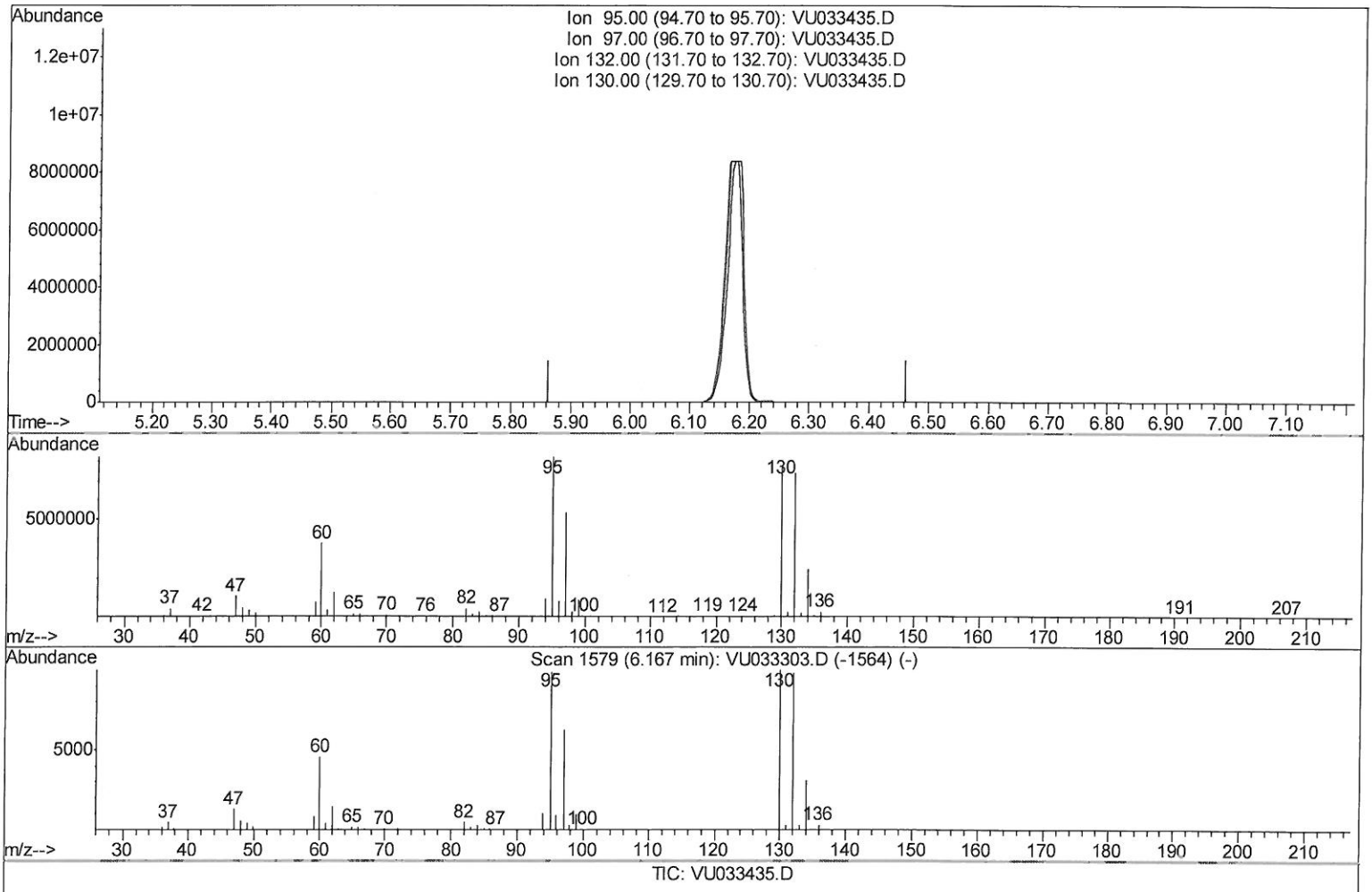
Quantitation Report (Qedit)

Data File : VU033435.D
Acq On : 26 Jul 2019 01:18
Operator : JC/SP
Sample : K3976-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jul 26 05:55:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 05:48:12 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0CA9

Manual Integrations APPROVED
MMDadoda
7/26/2019 10:53:40 AM



TIC: VU033435.D

(34) Trichloroethene (T)

6.164min (-6.164) 0.00ug/L

response 0

Ion	Exp%	Act%
95.00	100	0.00
97.00	62.60	0.00#
132.00	93.50	0.00#
130.00	99.60	0.00#

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072519\

Quantitation Report (Qedit)

Data File : VU033435.D
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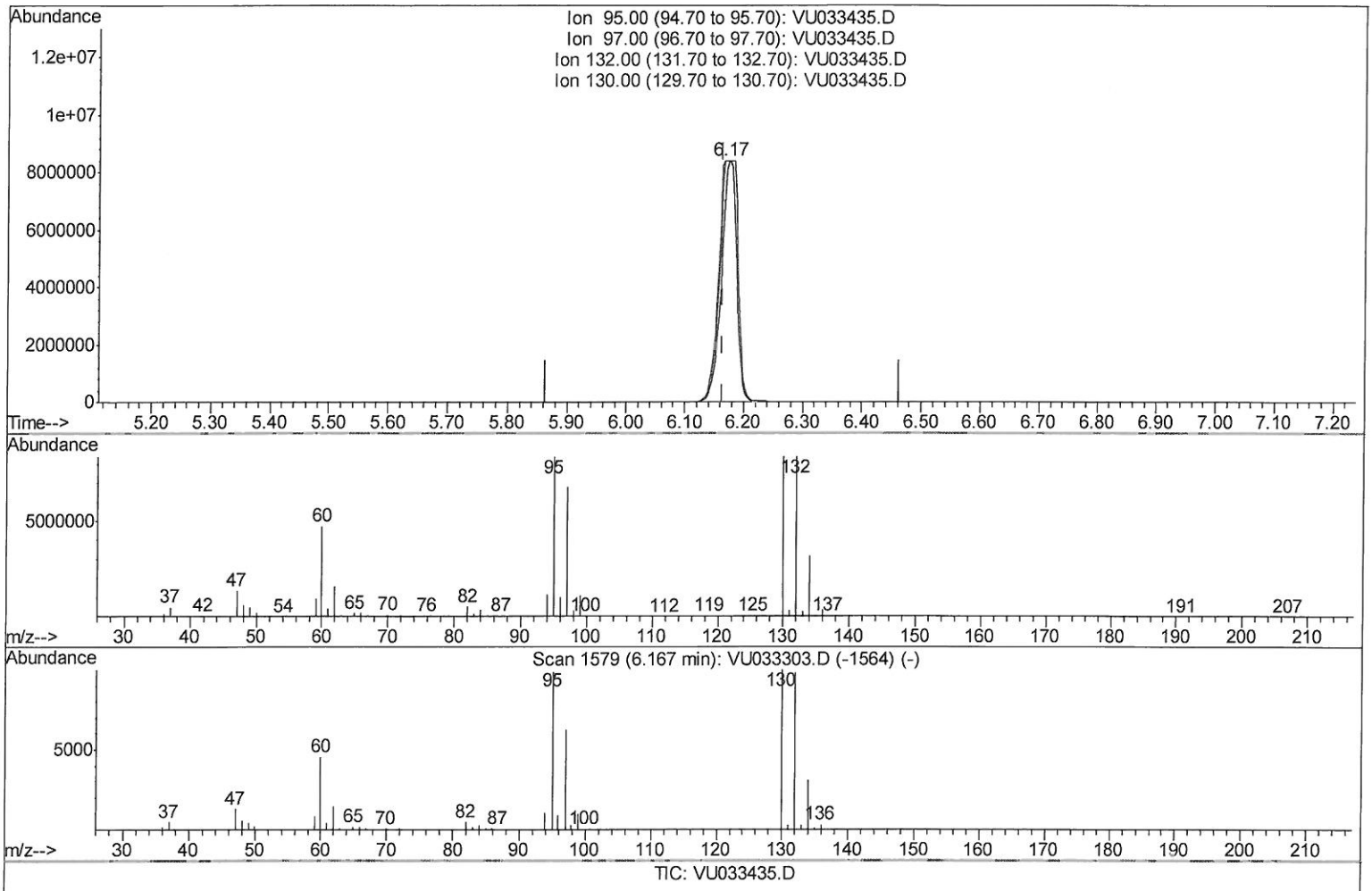
MSVOA_U
ClientSampleId :
C0CA9

Manual Integrations APPROVED
MMDadoda
7/26/2019 10:53:40 AM



TIC: VU033435.D

(34) Trichloroethene (T)

6.167min (+0.003) 8591.07ug/L m

response 18806591

7MO 7/26/19

Ion	Exp%	Act%
95.00	100	100
97.00	62.60	80.76
132.00	93.50	100.00
130.00	99.60	100.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072519\

Quantitation Report (QT Reviewed)

Data File : VU033435.D
Acq On : 26 Jul 2019 01:18
Operator : JC/SP
Sample : K3976-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0CA9

Manual Integrations APPROVED
MMDadoda
7/26/2019 10:53:40 AM

Quant Time: Jul 26 08:01:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 05:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	283309	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	287024	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	123958	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	122546	57.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 114.28%			
7) Chloroethane-d5	1.67	69	108074	58.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 117.98%			
11) 1,1-Dichloroethene-d2	2.26	63	156374	40.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.40%			
21) 2-Butanone-d5	4.15	46	150635	110.85	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.85%			
24) Chloroform-d	4.62	84	189599	52.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.50%			
26) 1,2-Dichloroethane-d4	5.29	65	132291	57.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.78%			
32) Benzene-d6	5.32	84	401360	57.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.00%			
36) 1,2-Dichloropropane-d6	6.31	67	126824	56.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 112.46%			
41) Toluene-d8	7.55	98	363179	54.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.40%			
43) trans-1,3-Dichloropropene-	7.83	79	56822	51.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.76%			
47) 2-Hexanone-d5	8.29	63	110054	108.23	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.23%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	189621	55.54	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 111.08%			
64) 1,2-Dichlorobenzene-d4	11.85	152	133995	60.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 121.22%#			

Target Compounds						Qvalue
13) Acetone	2.31	43	2869	1.690	ug/L	92
17) trans-1,2-Dichloroethene	2.96	96	5746	2.940	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	34874	15.820	ug/L	99
31) Carbon tetrachloride	5.11	117	36866	12.580	ug/L	98
34) Trichloroethene	6.17	95	18806591m	8591.071	ug/L	
45) 1,1,2-Trichloroethane	8.05	97	11028	5.137	ug/L	96
46) Tetrachloroethene	8.21	164	13418	7.918	ug/L	96

MD 7/26/19

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