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

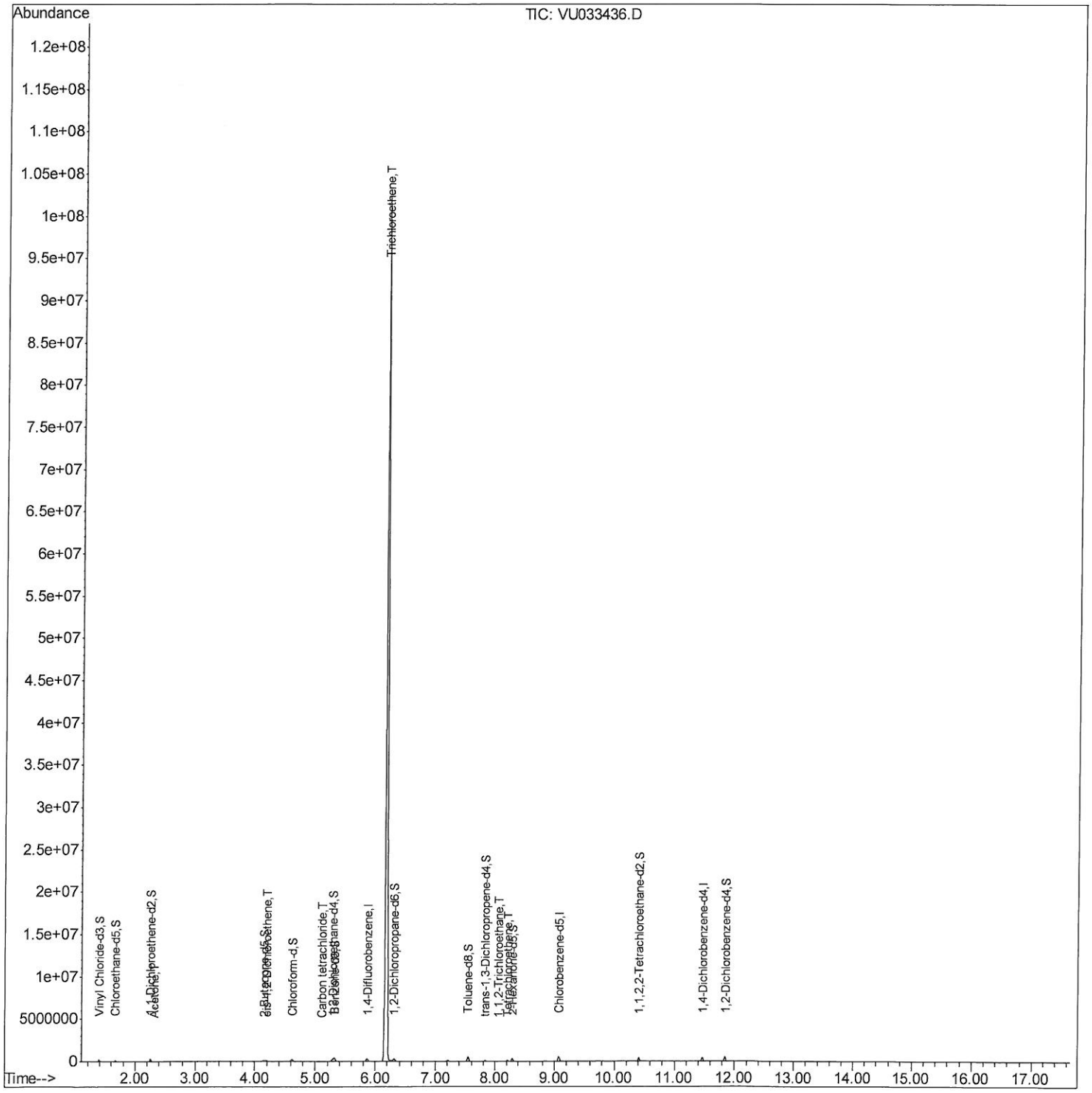
Quantitation Report (QT Reviewed)

Data File : VU033436.D
Acq On : 26 Jul 2019 01:40
Operator : JC/SP
Sample : K3976-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Jul 26 08:09:28 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 :
C0CB1

Manual Integrations APPROVED
MMDadoda
7/26/2019 10:53:44 AM



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

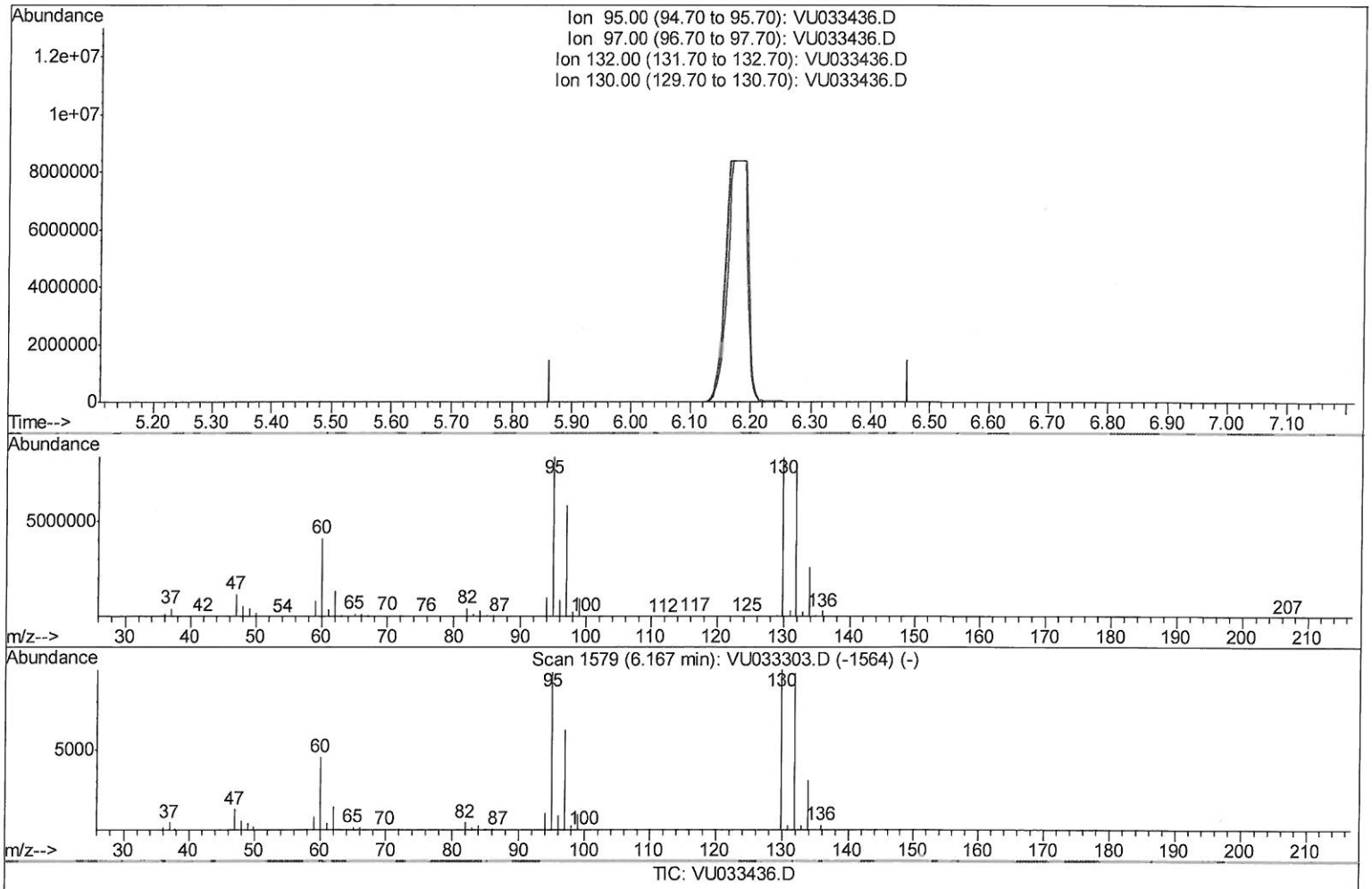
Quantitation Report (Qedit)

Data File : VU033436.D
Acq On : 26 Jul 2019 01:40
Operator : JC/SP
Sample : K3976-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Jul 26 05:55:52 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 :
C0CB1

Manual Integrations APPROVED
MMDadoda
7/26/2019 10:53:44 AM



TIC: VU033436.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)

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ClientSampleId :
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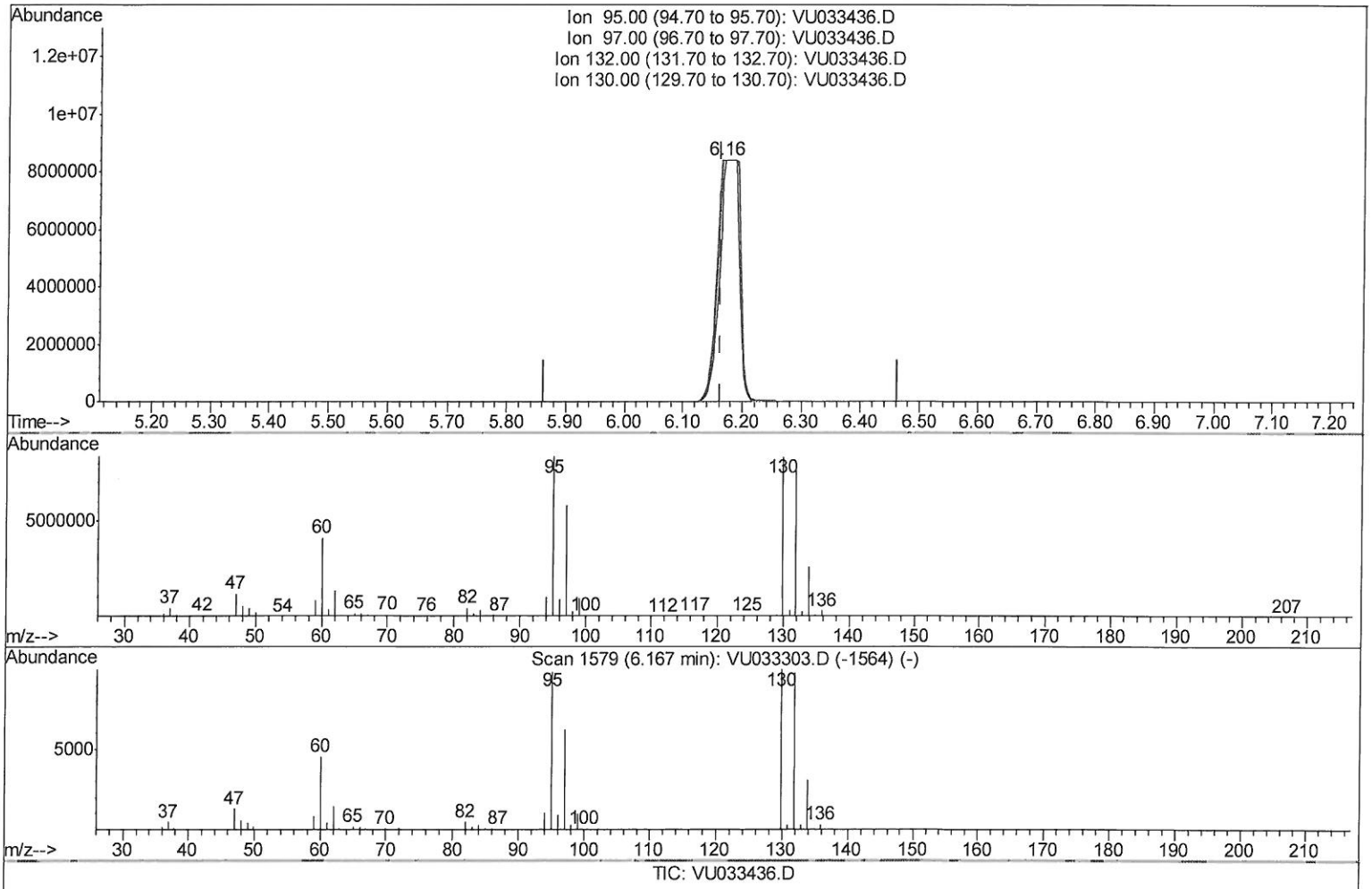
Manual Integrations APPROVED
MMDadoda
7/26/2019 10:53:44 AM



TIC: VU033436.D

(34) Trichloroethene (T)

6.164min (-0.000) 10196.85ug/L m

response 22321000

Ion	Exp%	Act%
95.00	100	100
97.00	62.60	69.30
132.00	93.50	93.79
130.00	99.60	99.27

JMD 7/26/19

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

Quantitation Report (QT Reviewed)

Data File : VU033436.D
Acq On : 26 Jul 2019 01:40
Operator : JC/SP
Sample : K3976-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0CB1

Manual Integrations APPROVED
MMDadoda
7/26/2019 10:53:44 AM

Quant Time: Jul 26 08:09:28 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	278488	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	287014	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	126766	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	123992	58.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 117.64%			
7) Chloroethane-d5	1.67	69	109902	61.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 122.04%			
11) 1,1-Dichloroethene-d2	2.25	63	167251	43.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.48%			
21) 2-Butanone-d5	4.15	46	153123	114.63	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.63%			
24) Chloroform-d	4.62	84	197366	55.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.72%			
26) 1,2-Dichloroethane-d4	5.29	65	132234	58.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.72%			
32) Benzene-d6	5.32	84	403514	57.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.62%			
36) 1,2-Dichloropropane-d6	6.31	67	125970	55.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.70%			
41) Toluene-d8	7.55	98	365044	54.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.96%			
43) trans-1,3-Dichloropropene-	7.83	79	59137	53.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.94%			
47) 2-Hexanone-d5	8.30	63	110197	108.38	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.38%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	190292	55.74	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 111.48%			
64) 1,2-Dichlorobenzene-d4	11.85	152	138599	61.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 122.62%#			
Target Compounds						Qvalue
13) Acetone	2.31	43	2639	1.581	ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	33767	15.583	ug/L	98
31) Carbon tetrachloride	5.11	117	7873	2.687	ug/L	97
34) Trichloroethene	6.16	95	22321000m	10196.849	ug/L	
45) 1,1,2-Trichloroethane	8.05	97	4904	2.284	ug/L	95
46) Tetrachloroethene	8.21	164	17239	10.173	ug/L	97

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