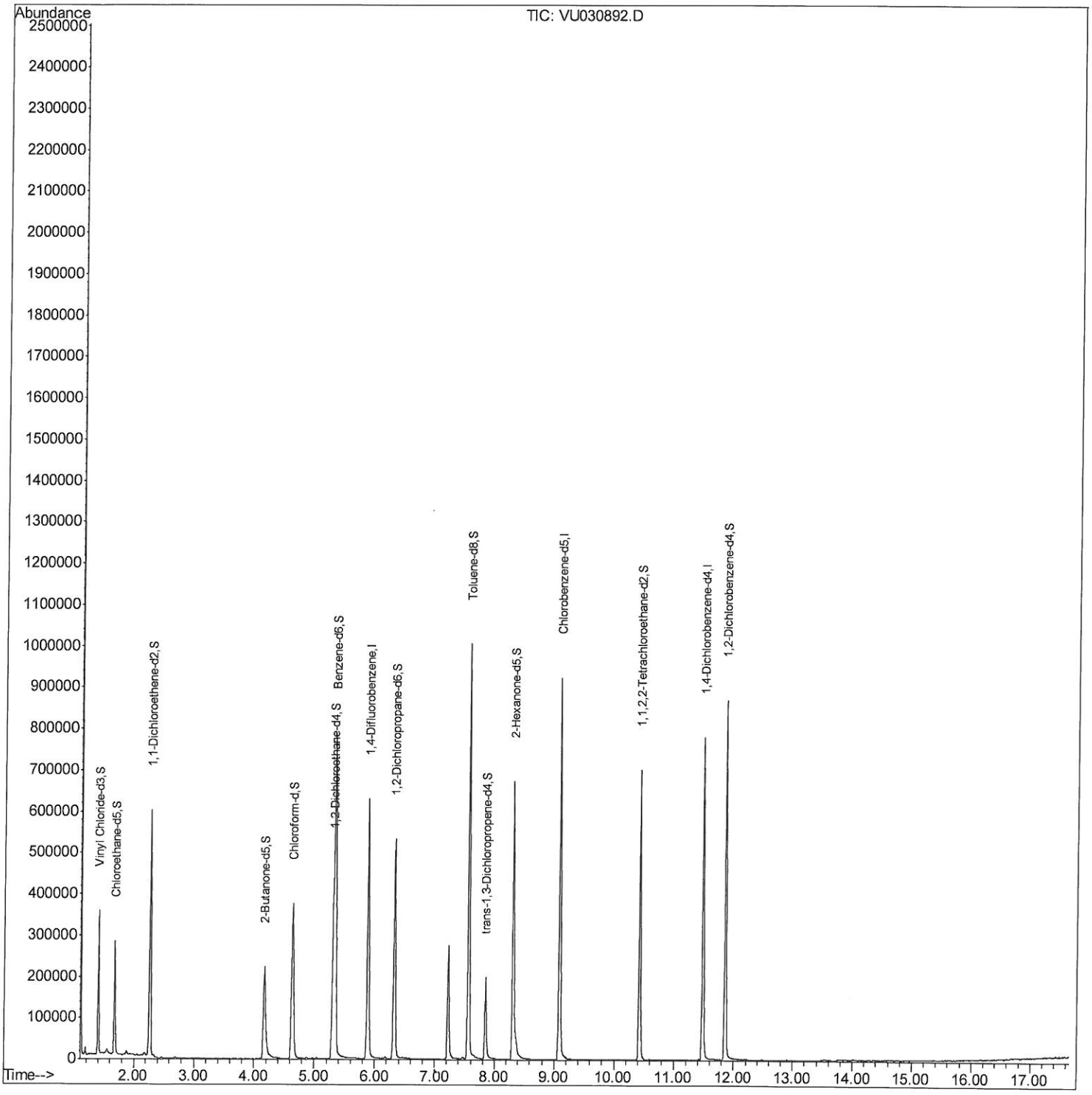
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030892.D
Acq On : 08 Apr 2019 09:58
Operator : JC/SP
Sample : VU0409WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 08 12:49:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VBLK51

Manual Integrations APPROVED
MMDadoda
4/9/2019 11:03:18 AM



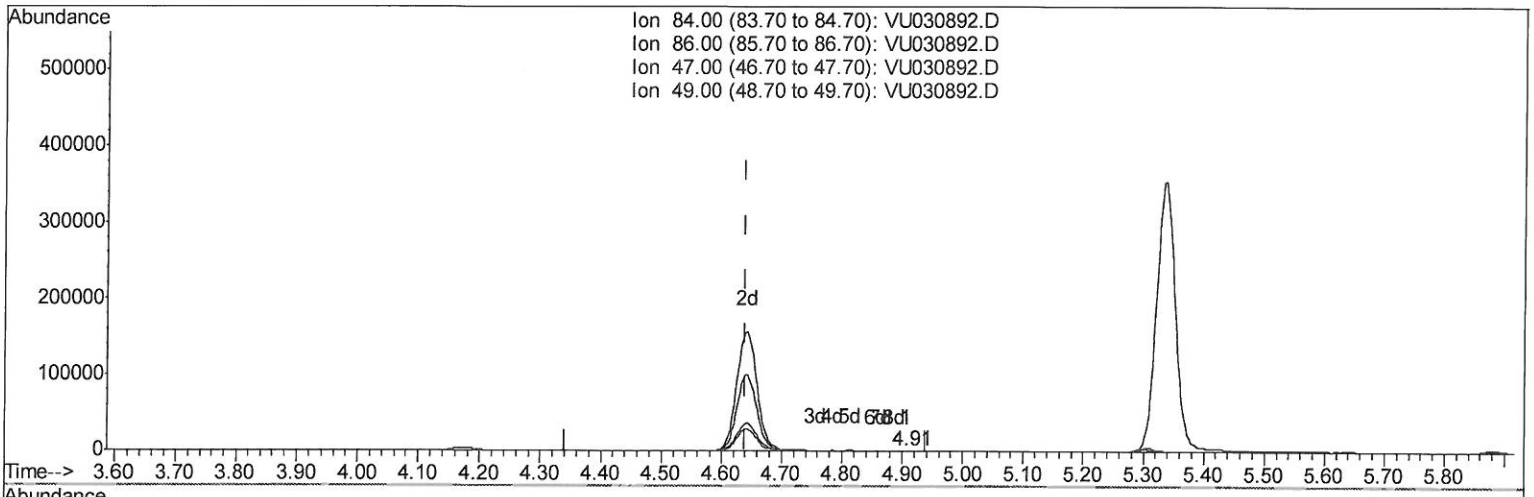
Quantitation Report (Qedit)

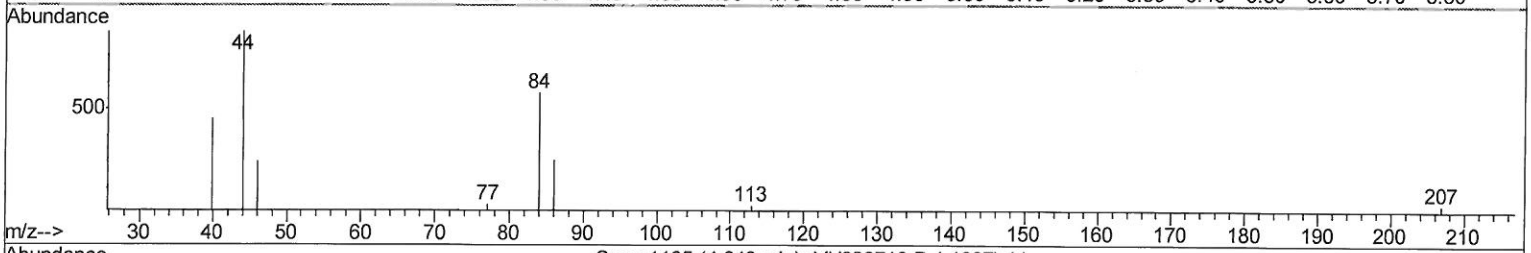
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030892.D
Acq On : 08 Apr 2019 09:58
Operator : JC/SP
Sample : VU0409WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

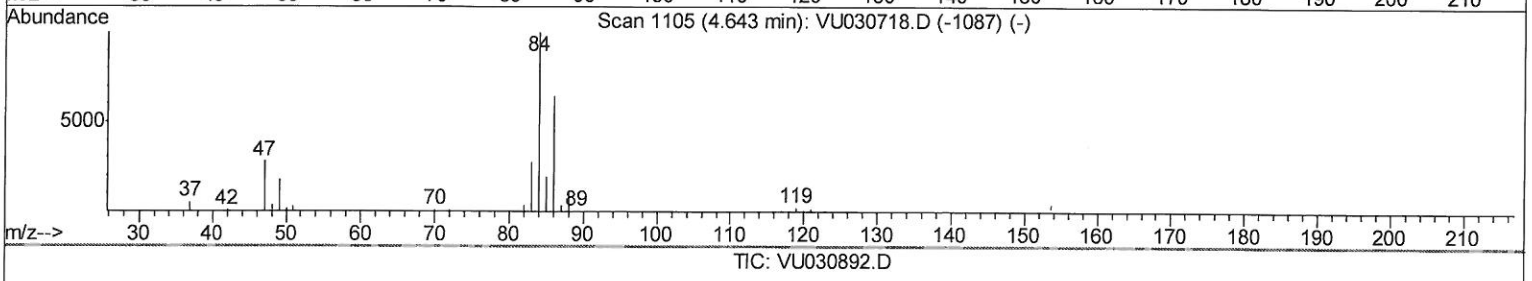
Quant Time: Apr 08 12:48:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VBLK51

Manual Integrations APPROVED
MMDadoda
4/9/2019 11:03:18 AM







TIC: VU030892.D

(24) Chloroform-d (S)

4.907min (+0.267) 0.03ug/L

response 215

Ion	Exp%	Act%
84.00	100	100
86.00	62.90	53.02
47.00	47.00	42.33
49.00	26.80	32.56

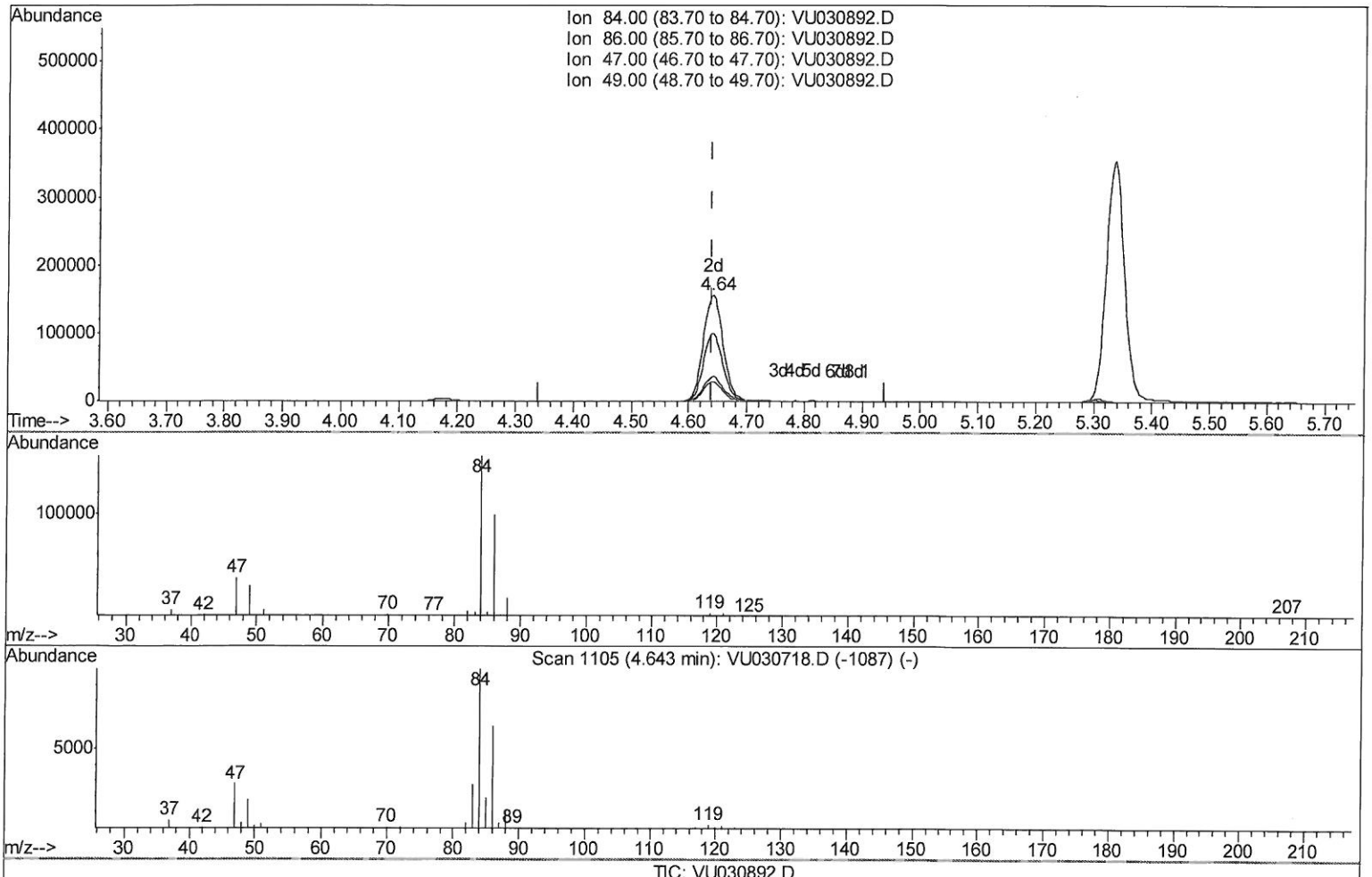
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030892.D
Acq On : 08 Apr 2019 09:58
Operator : JC/SP
Sample : VU0409WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 08 12:48:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VBLK51

Manual Integrations APPROVED
MMDadoda
4/9/2019 11:03:18 AM



TIC: VU030892.D

(24) Chloroform-d (S)

4.643min (+0.003) 54.82ug/L m

response 373495

Ion	Exp%	Act%
84.00	100	100
86.00	62.90	0.03#
47.00	47.00	0.02#
49.00	26.80	0.02#

MD 4/10/19

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\
Data File : VU030892.D
Acq On : 08 Apr 2019 09:58
Operator : JC/SP
Sample : VU0409WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK51

Manual Integrations APPROVED
MMDadoda
4/9/2019 11:03:18 AM

Quant Time: Apr 08 12:49:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	499635	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	493150	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	203291	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	233066	52.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.52%			
7) Chloroethane-d5	1.68	69	194718	57.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 115.04%			
11) 1,1-Dichloroethene-d2	2.27	63	349019	43.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.52%			
21) 2-Butanone-d5	4.17	46	383993	108.63	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.63%			
24) Chloroform-d	4.64	84	373495m	54.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.64%			
26) 1,2-Dichloroethane-d4	5.30	65	267595	57.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.12%			
32) Benzene-d6	5.34	84	776710	53.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.90%			
36) 1,2-Dichloropropane-d6	6.32	67	266081	53.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.86%			
41) Toluene-d8	7.56	98	663918	52.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.06%			
43) trans-1,3-Dichloropropene-	7.85	79	117142	52.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.14%			
47) 2-Hexanone-d5	8.31	63	222508	98.67	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.67%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	355873	53.47	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.94%			
64) 1,2-Dichlorobenzene-d4	11.86	152	225197	56.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.66%			

Target Compounds	Qvalue

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

MD 4/10/19