Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\

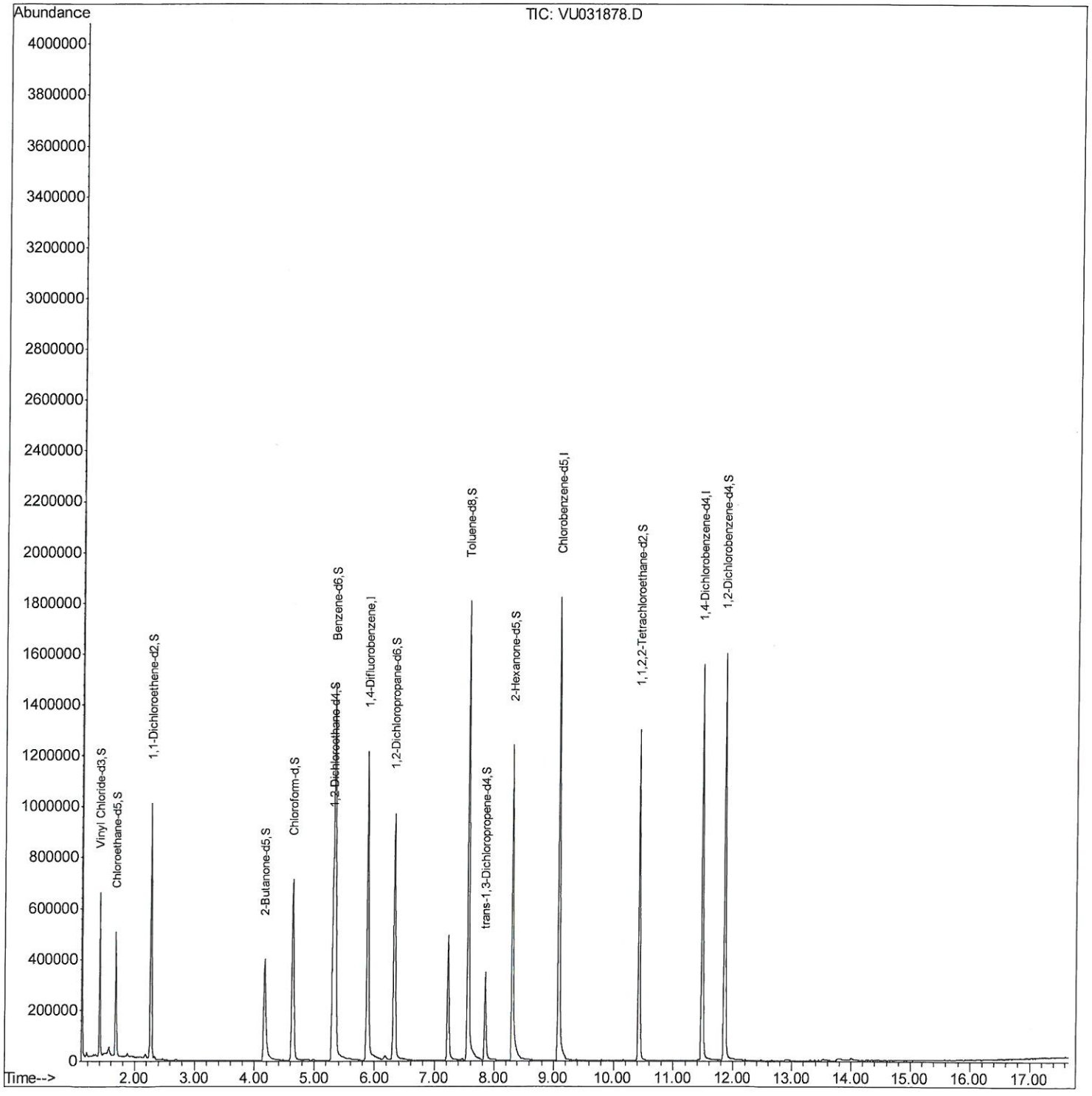
Quantitation Report (QT/LSC Reviewed)

Data File : VU031878.D
Acq On : 10 May 2019 11:08
Operator : JC/SP
Sample : VU0510MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 11 01:08:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:57:57 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VBLK32

Manual Integrations APPROVED
MMDadoda
5/11/2019 11:48:34 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\

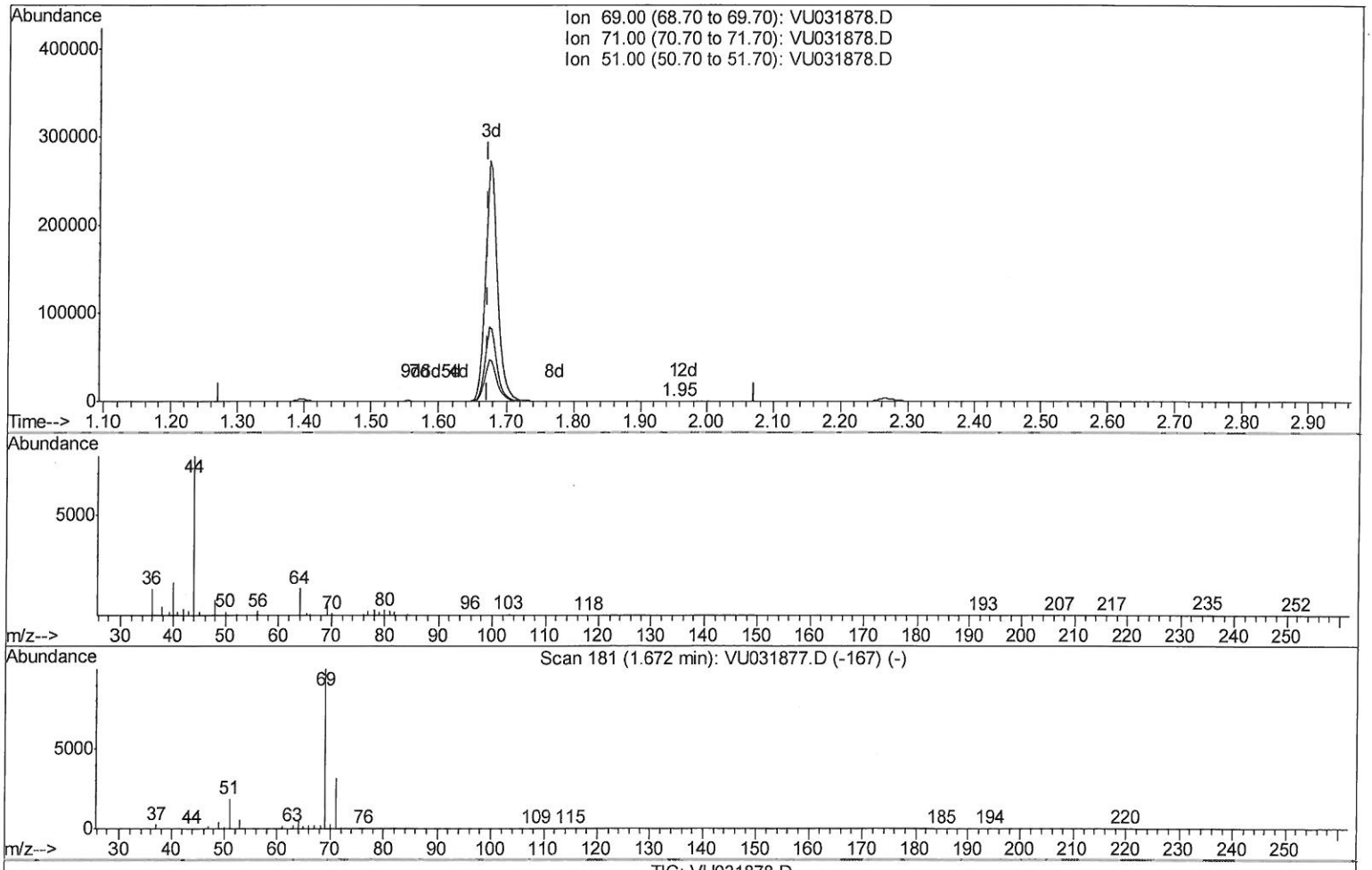
Quantitation Report (Qedit)

Data File : VU031878.D
Acq On : 10 May 2019 11:08
Operator : JC/SP
Sample : VU0510MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 11 01:00:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:57:57 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VBLK32

Manual Integrations APPROVED
MMDadoda
5/11/2019 11:48:34 AM



TIC: VU031878.D

(7) Chloroethane-d5 (S)

1.952min (+0.280) 0.04ug/L

response 255

Ion	Exp%	Act%
69.00	100	100
71.00	32.30	40.78
51.00	29.10	32.94
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\

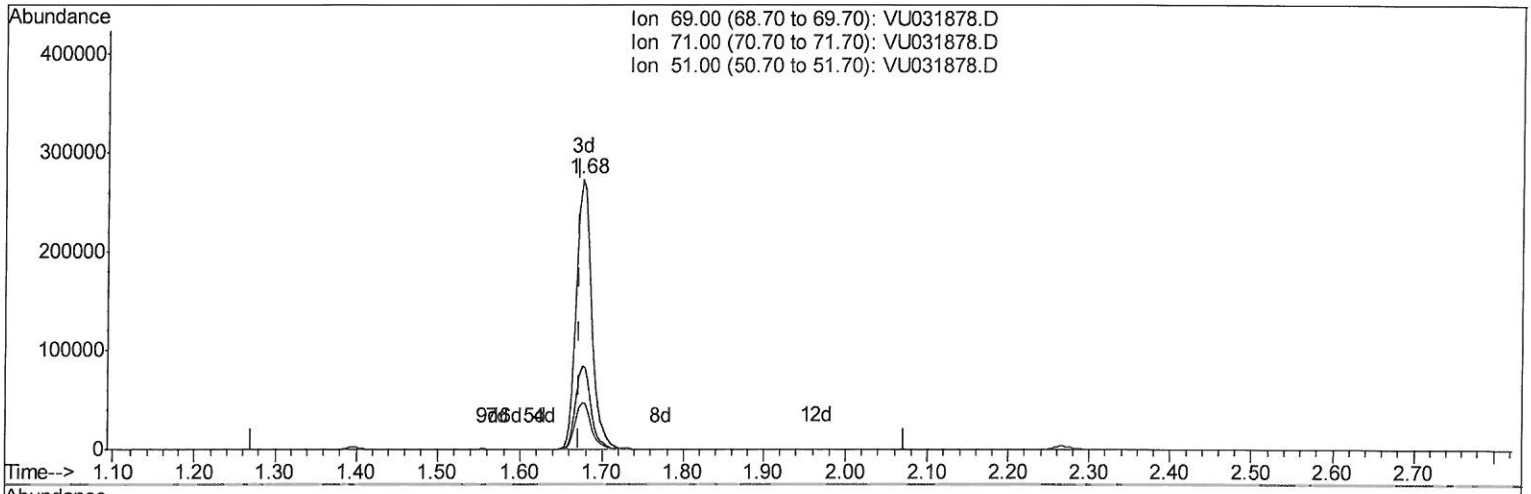
Quantitation Report (Qedit)

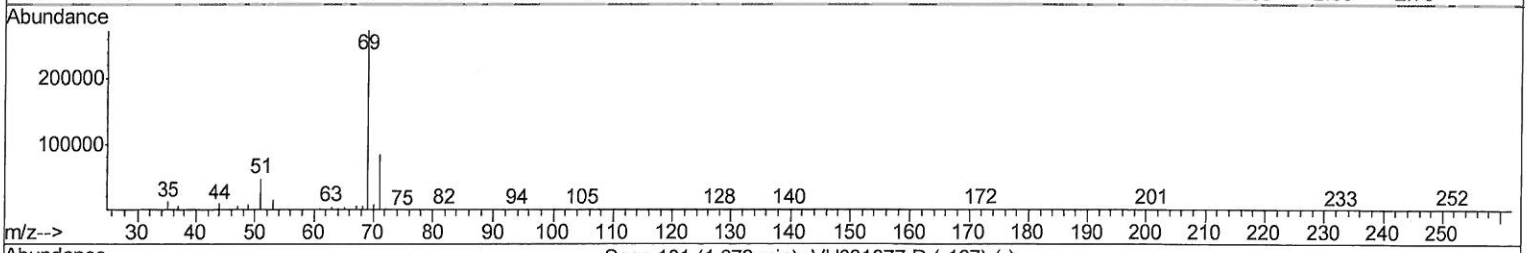
Data File : VU031878.D
Acq On : 10 May 2019 11:08
Operator : JC/SP
Sample : VU0510MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

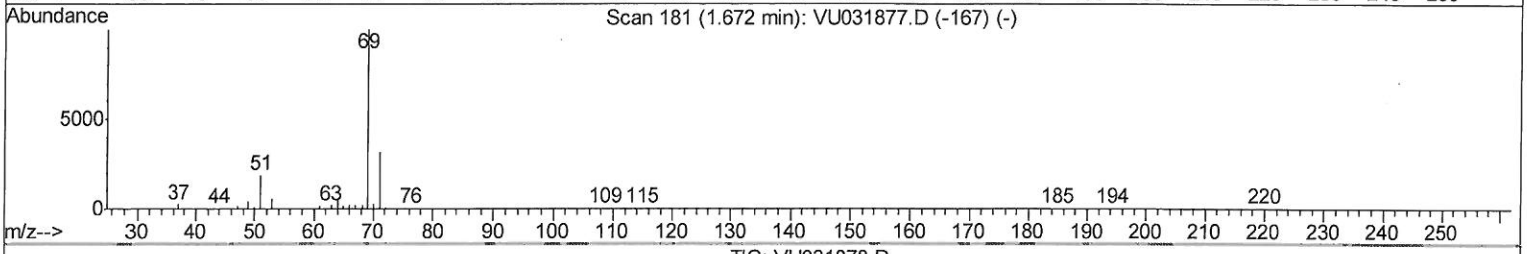
Quant Time: May 11 01:00:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:57:57 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VBLK32

Manual Integrations APPROVED
MMDadoda
5/11/2019 11:48:34 AM







TIC: VU031878.D

(7) Chloroethane-d5 (S)

1.675min (+0.004) 53.45ug/L m

response 355001

Ion	Exp%	Act%
69.00	100	100
71.00	32.30	0.03#
51.00	29.10	0.02#
0.00	0.00	0.00

7 MD 5/15/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\

Quantitation Report (QT/LSC Reviewed)

Data File : VU031878.D
Acq On : 10 May 2019 11:08
Operator : JC/SP
Sample : VU0510MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK32

Manual Integrations APPROVED
MMDadoda
5/11/2019 11:48:34 AM

Quant Time: May 11 01:08:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:57:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1026953	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1049615	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	399123	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	425966	49.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.12%			
7) Chloroethane-d5	1.68	69	355001m	53.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.90%			
11) 1,1-Dichloroethene-d2	2.27	63	577877	33.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.52%			
21) 2-Butanone-d5	4.17	46	647448	83.14	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.14%			
24) Chloroform-d	4.64	84	714378	45.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.76%			
26) 1,2-Dichloroethane-d4	5.30	65	469929	45.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.40%			
32) Benzene-d6	5.33	84	1502721	46.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.24%			
36) 1,2-Dichloropropane-d6	6.32	67	499228	44.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.06%			
41) Toluene-d8	7.56	98	1281633	45.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.30%			
43) trans-1,3-Dichloropropene-	7.85	79	206030	42.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.66%			
47) 2-Hexanone-d5	8.31	63	445744	90.82	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.82%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	686339	45.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	426583	50.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.64%			

Target Compounds	Qvalue

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

JMD 5/15/19