Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053019\

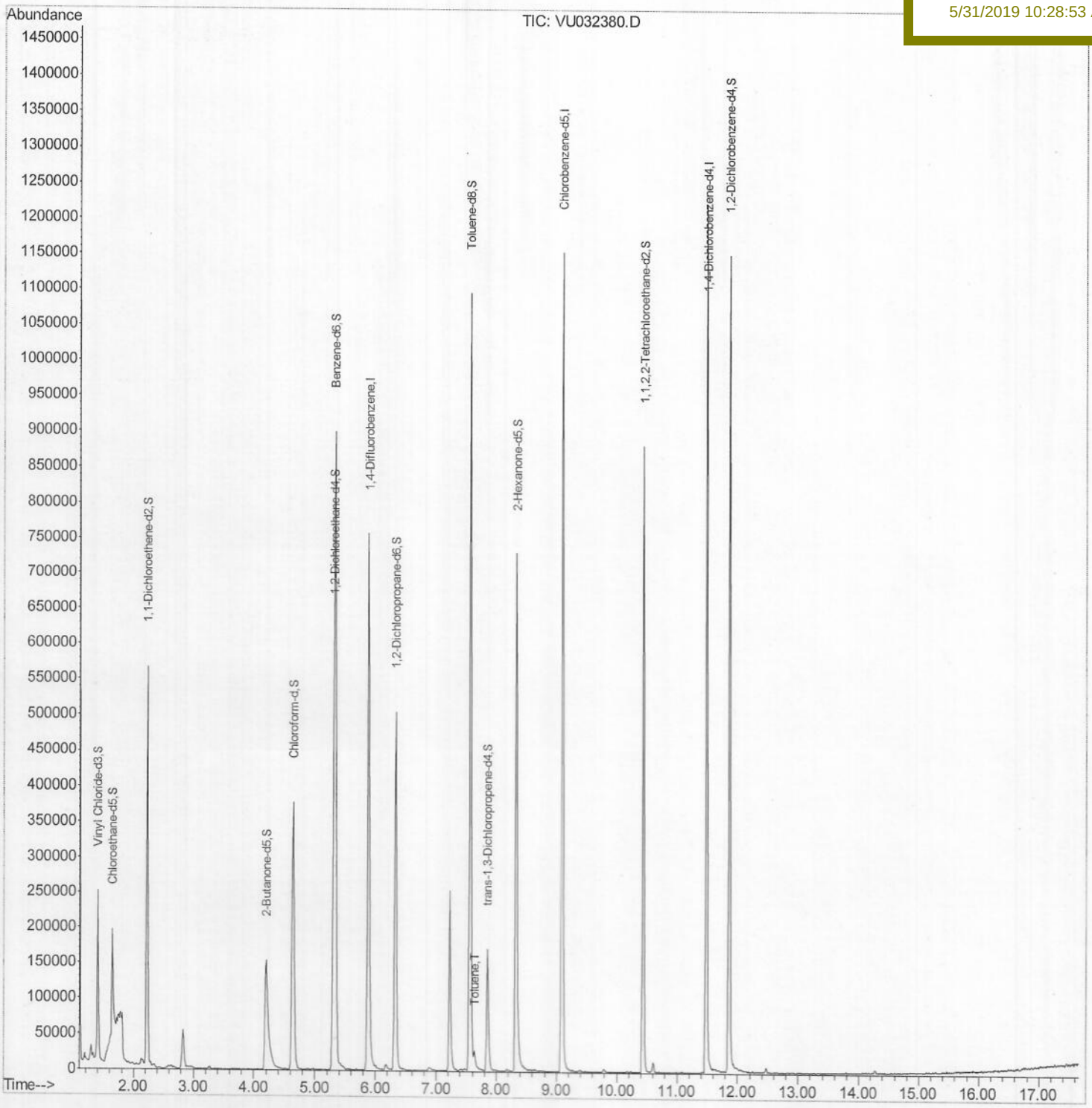
Quantitation Report (QT Reviewed)

Data File : VU032380.D
Acq On : 30 May 2019 14:38
Operator : JC/SP
Sample : K3081-01
Misc : 2.95g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 31 05:12:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 04:34:14 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GALD1

Manual Integrations APPROVED
MMDadoda
5/31/2019 10:28:53 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053019\

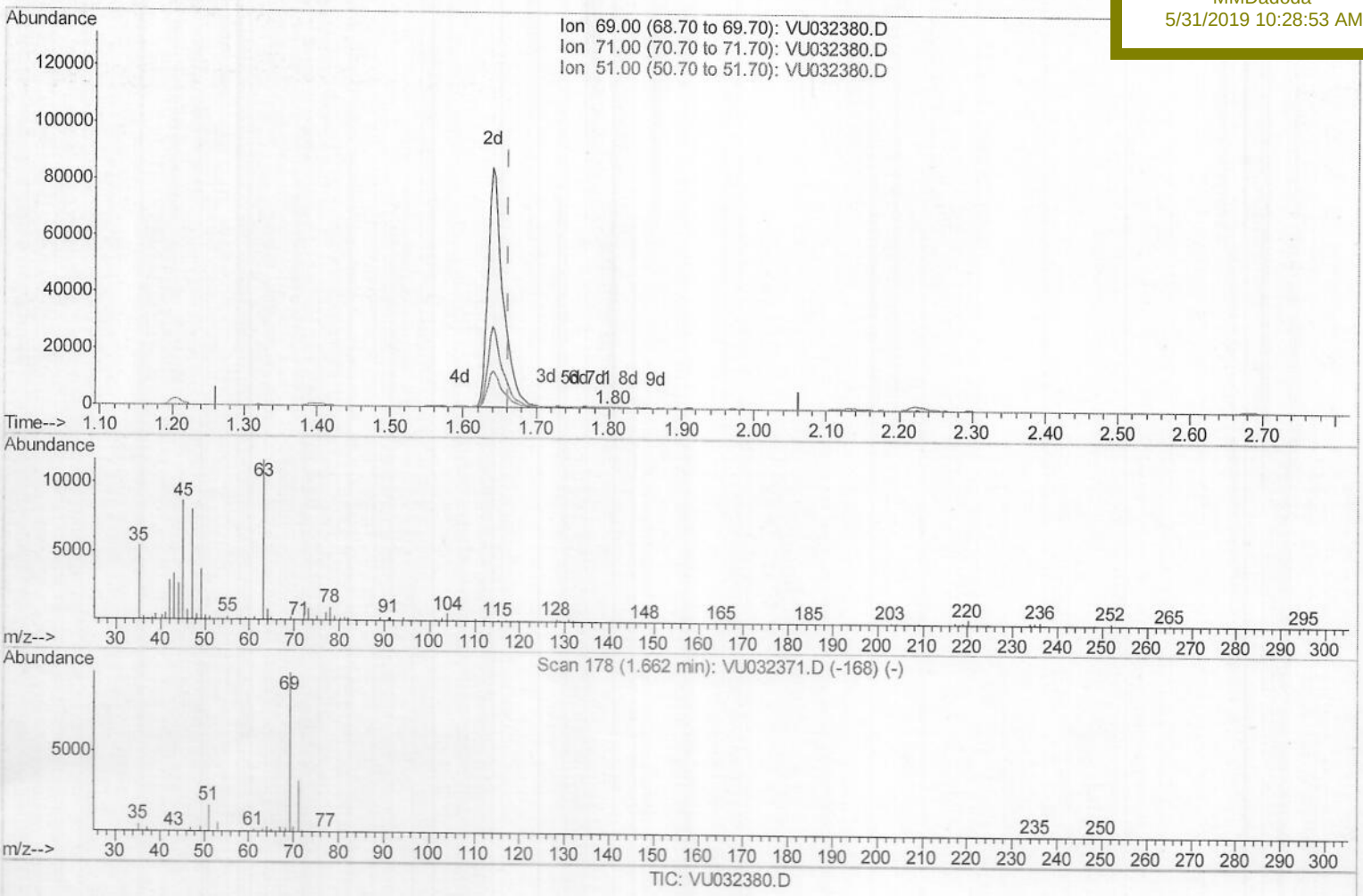
Quantitation Report (Qedit)

Data File : VU032380.D
Acq On : 30 May 2019 14:38
Operator : JC/SP
Sample : K3081-01
Misc : 2.95g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 31 04:38:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 04:34:14 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GALD1

Manual Integrations APPROVED
MMDadoda
5/31/2019 10:28:53 AM



TIC: VU032380.D

(7) Chloroethane-d5 (S)

1.797min (+0.135) 0.10ug/L

response 442

Ion	Exp%	Act%
69.00	100	100
71.00	32.10	36.20
51.00	23.10	22.85
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053019\

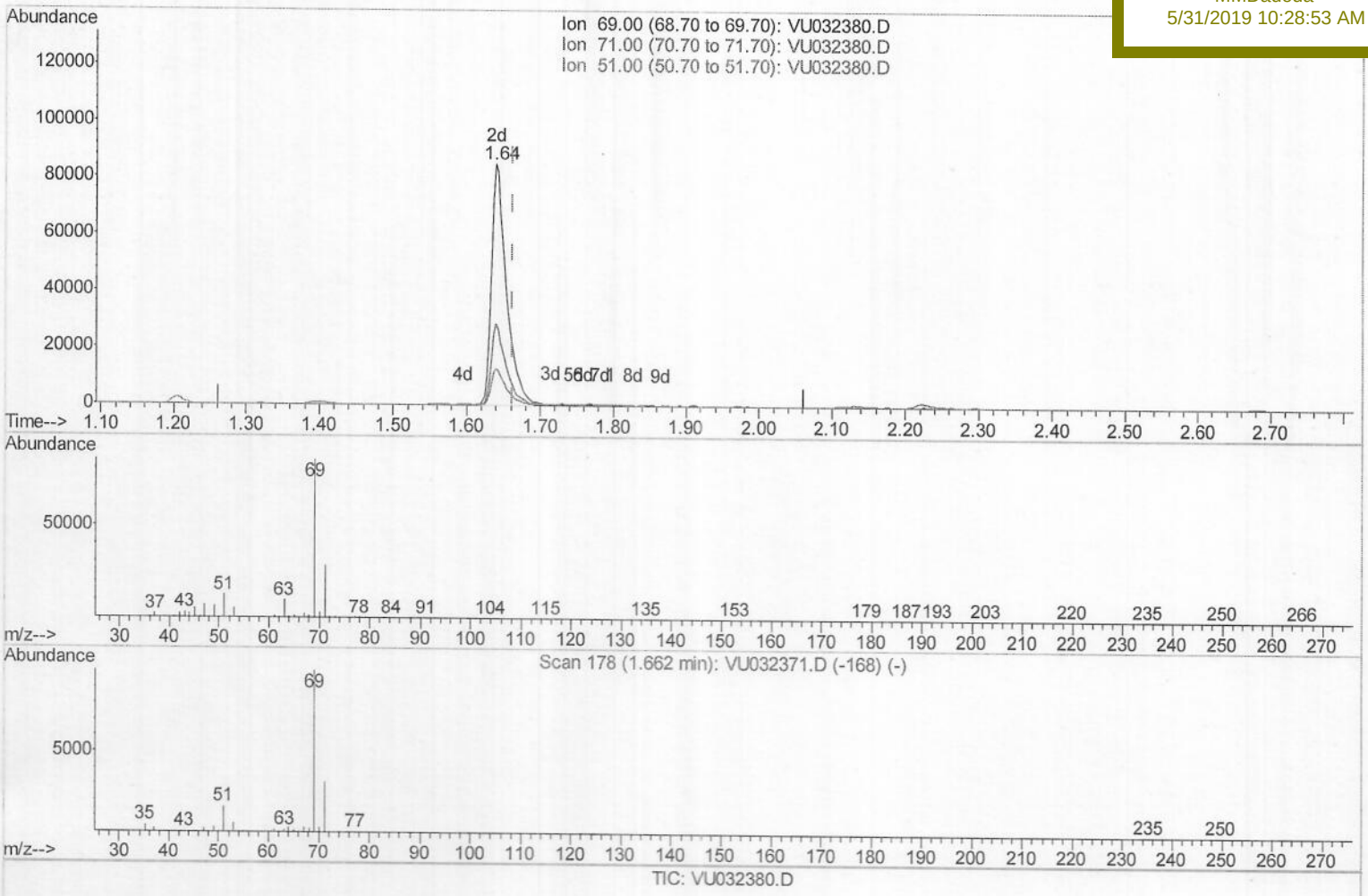
Quantitation Report (Qedit)

Data File : VU032380.D
Acq On : 30 May 2019 14:38
Operator : JC/SP
Sample : K3081-01
Misc : 2.95g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 31 04:38:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 04:34:14 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GALD1

Manual Integrations APPROVED
MMDadoda
5/31/2019 10:28:53 AM



TIC: VU032380.D

(7) Chloroethane-d5 (S)

1.640min (-0.022) 26.95ug/L m

response 120026

Ion	Exp%	Act%
69.00	100	100
71.00	32.10	0.13#
51.00	23.10	0.08#
0.00	0.00	0.00

M.P
05/31/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053019\

Quantitation Report (QT Reviewed)

Data File : VU032380.D
Acq On : 30 May 2019 14:38
Operator : JC/SP
Sample : K3081-01
Misc : 2.95g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 31 05:12:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 04:34:14 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : GALD1

Manual Integrations APPROVED
MMDadoda
5/31/2019 10:28:53 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	748260	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	762563	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	351205	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	206982	37.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.06%			
7) Chloroethane-d5	1.64	69	120026m	26.95	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 53.90%#			
11) 1,1-Dichloroethene-d2	2.23	63	310371	31.68	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.36%			
21) 2-Butanone-d5	4.20	46	350285	96.50	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.50%			
24) Chloroform-d	4.64	84	423994	43.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.84%			
26) 1,2-Dichloroethane-d4	5.30	65	265309	46.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.88%			
32) Benzene-d6	5.33	84	902200	45.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.22%			
36) 1,2-Dichloropropane-d6	6.32	67	280254	45.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.28%			
41) Toluene-d8	7.56	98	813041	43.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.14%			
43) trans-1,3-Dichloropropene-	7.85	79	125827	44.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.52%			
47) 2-Hexanone-d5	8.32	63	301151	115.61	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 115.61%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	450157	47.45	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.90%			
64) 1,2-Dichlorobenzene-d4	11.86	152	337723	47.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.32%			
Target Compounds						Qvalue
42) Toluene	7.64	91	18545	0.798	ug/L	98

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

M.D 05/31/19