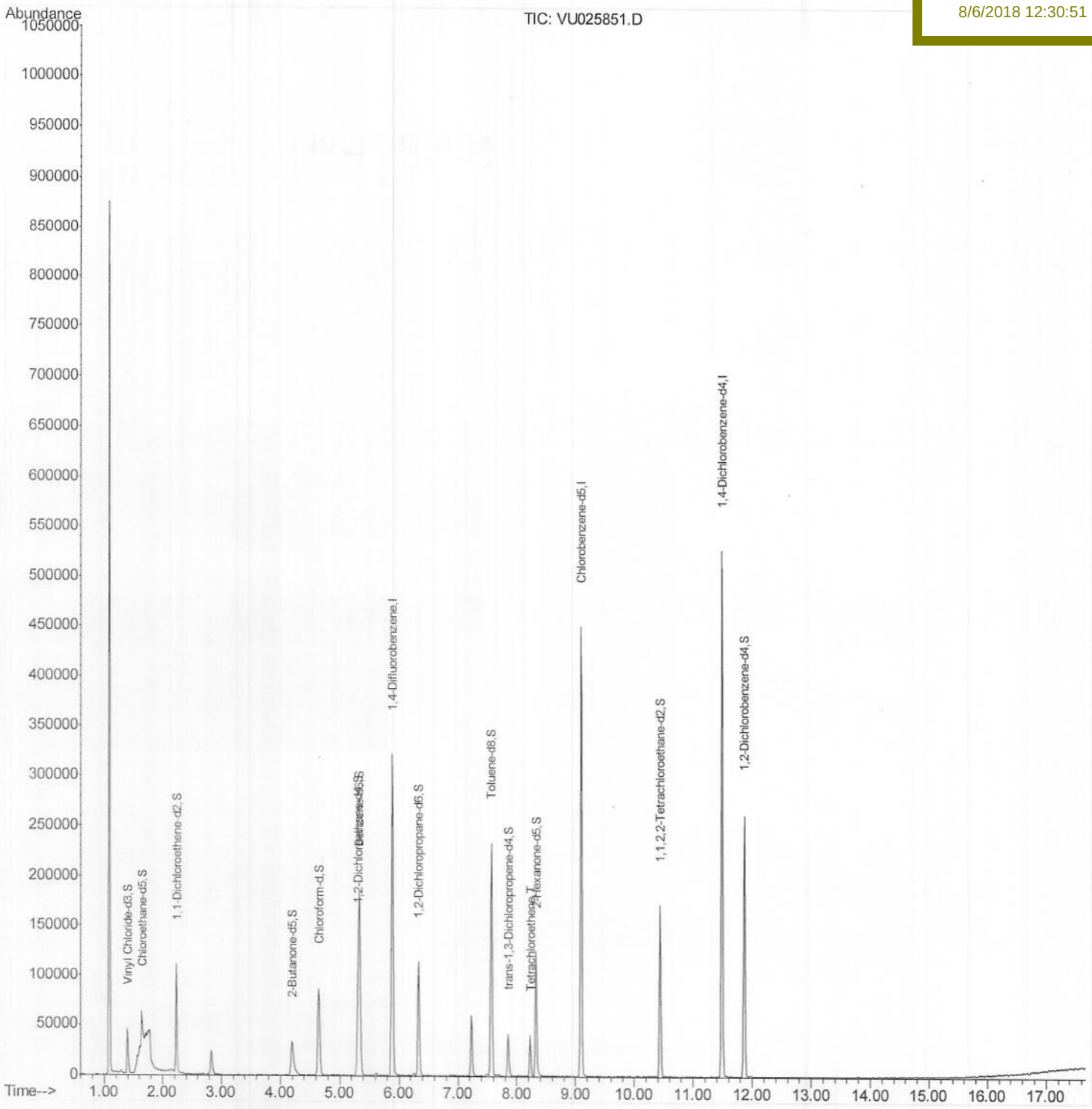
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080418\
Data File : VU025851.D
Acq On : 04 Aug 2018 04:07
Operator : MD/SY
Sample : J4261-09ME
Misc : 3.54g/5.0mL/100uL/5.00mL//MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 04 05:27:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 04 04:39:04 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
E5F96ME

Manual Integrations APPROVED
sam
8/6/2018 12:30:51 PM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080418\
Data File : VU025851.D
Acq On : 04 Aug 2018 04:07
Operator : MD/SY
Sample : J4261-09ME
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ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 04 04:39:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 04 04:39:04 2018
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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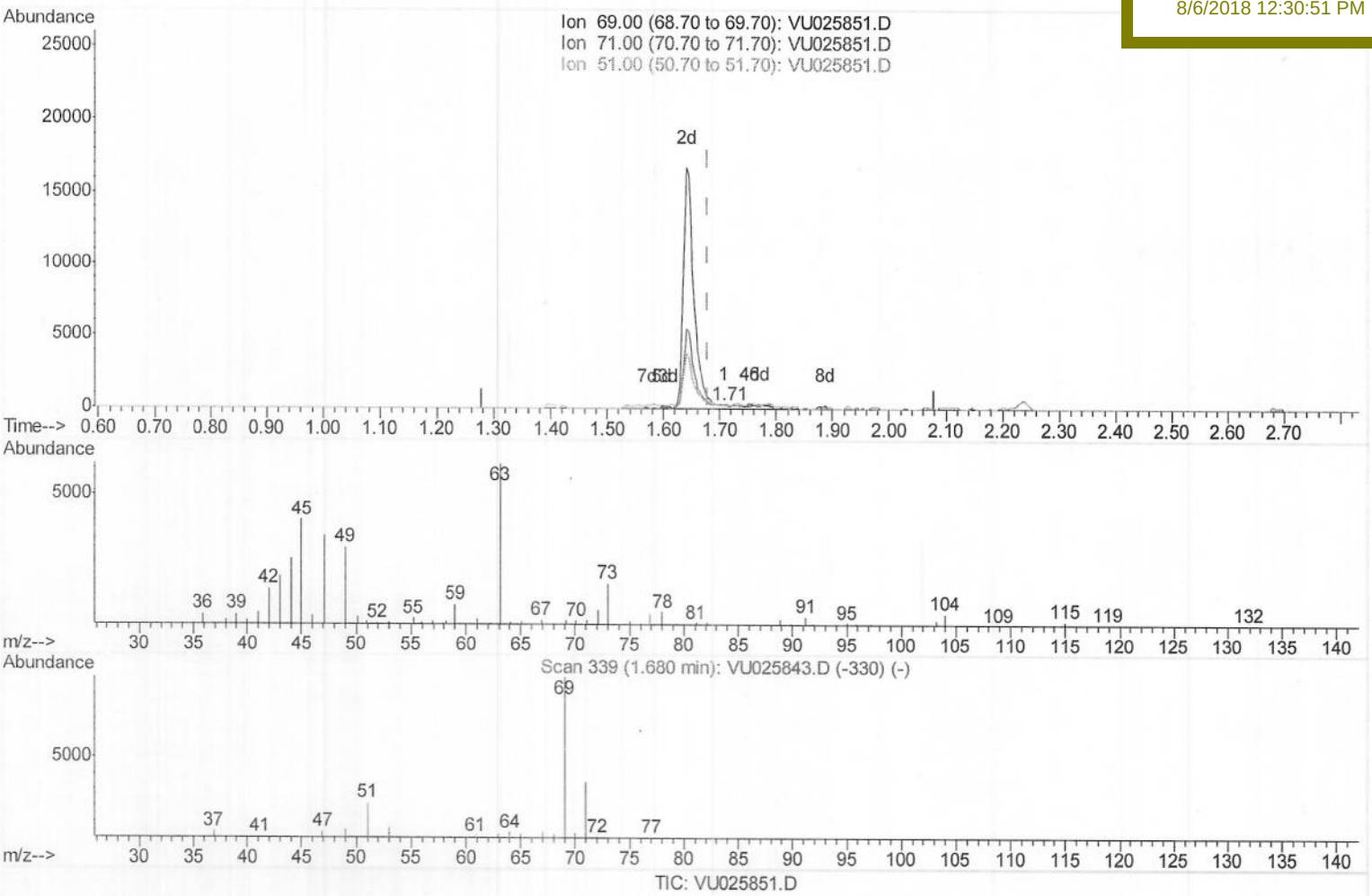
Manual Integrations APPROVED
sam
8/6/2018 12:30:51 PM



TIC: VU025851.D

(7) Chloroethane-d5 (S)

1.709min (+0.029) 0.16ug/L

response 203

Ion	Exp%	Act%
69.00	100	100
71.00	32.40	82.27#
51.00	29.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080418\
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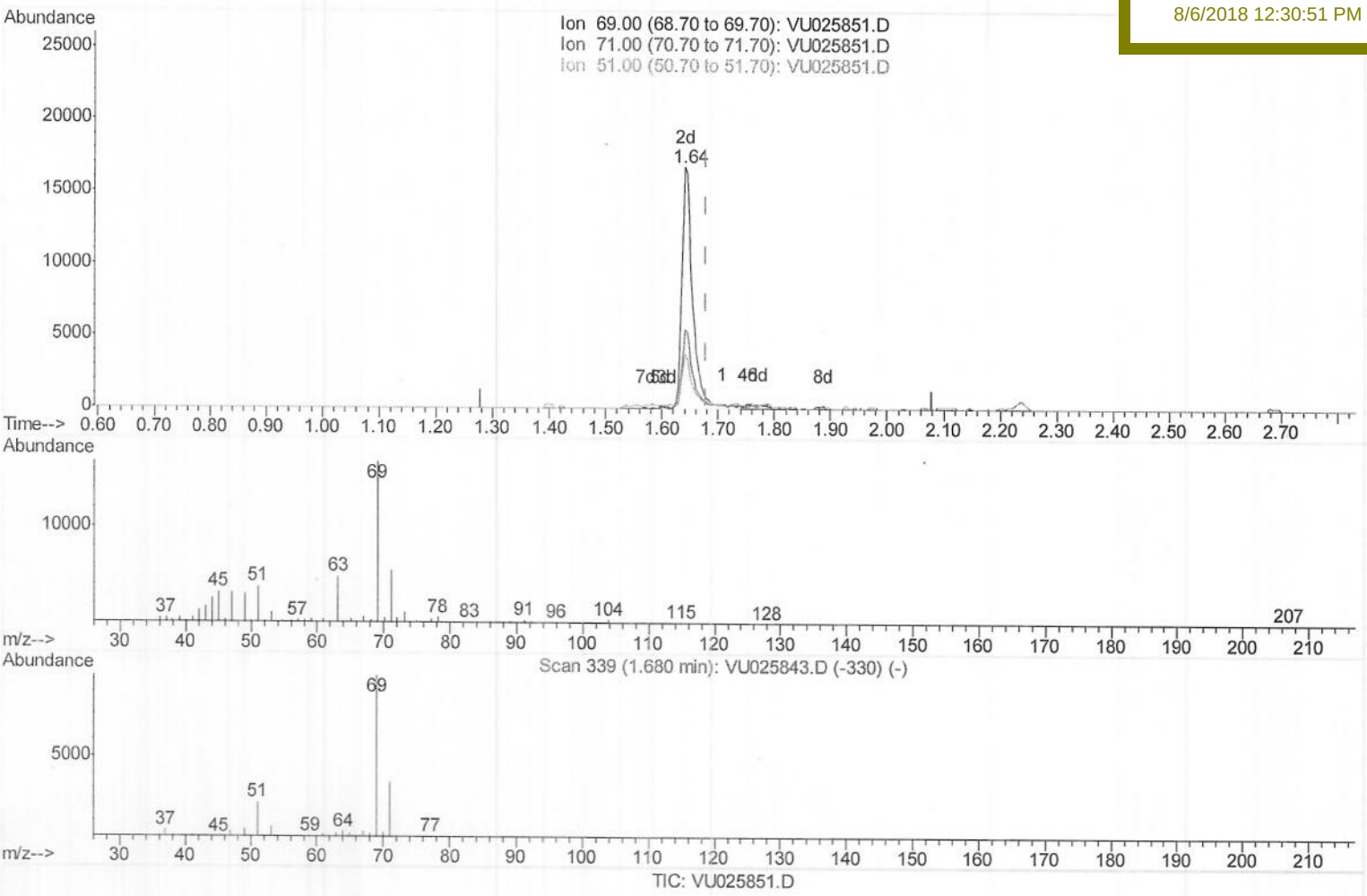
Quant Title : VOC Analysis
QLast Update : Sat Aug 04 04:39:04 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
E5F96ME

Manual Integrations APPROVED
sam
8/6/2018 12:30:51 PM



TIC: VU025851.D

(7) Chloroethane-d5 (S)

1.642min (-0.038) 17.56ug/L m > MD 08/08/18

response 22542

Ion	Exp%	Act%
69.00	100	100
71.00	32.40	0.74#
51.00	29.00	0.00#
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080418\
Data File : VU025851.D
Acq On : 04 Aug 2018 04:07
Operator : MD/SY
Sample : J4261-09ME
Misc : 3.54g/5.0mL/100uL/5.00mL//MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 04 05:27:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 04 04:39:04 2018
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : E5F96ME

Manual Integrations APPROVED
sam
8/6/2018 12:30:51 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	272646	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	259040	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	137762	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	39029	25.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 50.14%#			
7) Chloroethane-d5	1.64	69	22542m	17.56	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 35.12%#			
11) 1,1-Dichloroethene-d2	2.24	63	61297	18.92	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 37.84%#			
21) 2-Butanone-d5	4.20	46	68322	56.86	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 56.86%			
24) Chloroform-d	4.65	84	86310	24.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 49.78%#			
26) 1,2-Dichloroethane-d4	5.31	65	63979	27.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 55.80%#			
32) Benzene-d6	5.34	84	172199	25.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 51.84%#			
36) 1,2-Dichloropropane-d6	6.33	67	55273	25.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 51.64%#			
41) Toluene-d8	7.57	98	157112	24.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 49.32%#			
43) trans-1,3-Dichloropropene-	7.85	79	25950	23.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 47.46%#			
47) 2-Hexanone-d5	8.33	63	47116	52.56	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 52.56%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	81122	27.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 54.20%#			
64) 1,2-Dichlorobenzene-d4	11.87	152	70886	25.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 50.78%#			
Target Compounds						Qvalue
46) Tetrachloroethene	8.23	164	9187	5.366	ug/L	91

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

) MD 08/08/18