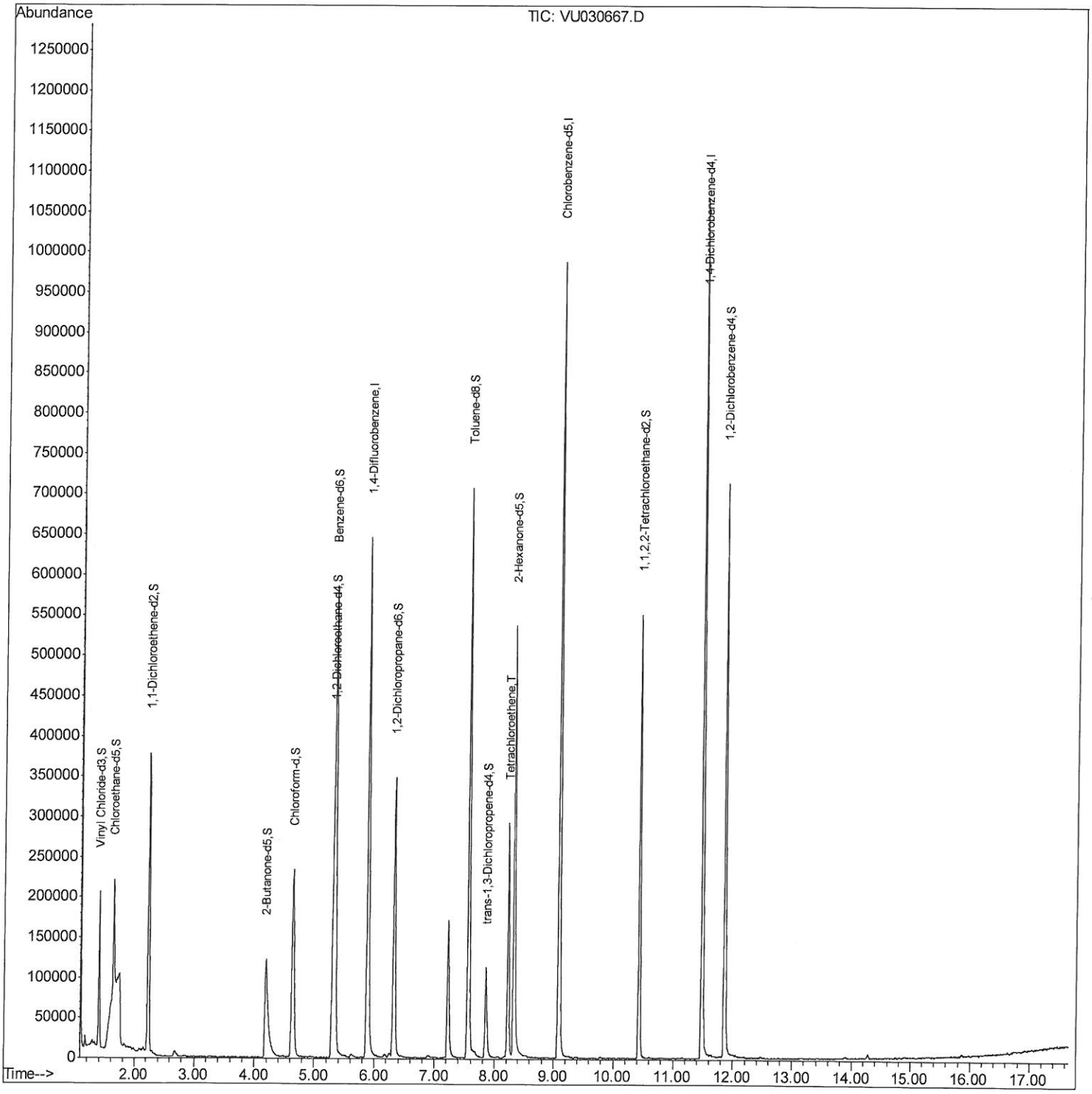
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030667.D
Acq On : 04 Apr 2019 07:16
Operator : JC/SP
Sample : K2246-06
Misc : 5.66g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Apr 04 09:10:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 07:55:17 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF153

Manual Integrations APPROVED
MMDadoda
4/4/2019 11:47:45 AM



Quantitation Report (Qedit)

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Quant Time: Apr 04 08:08:38 2019
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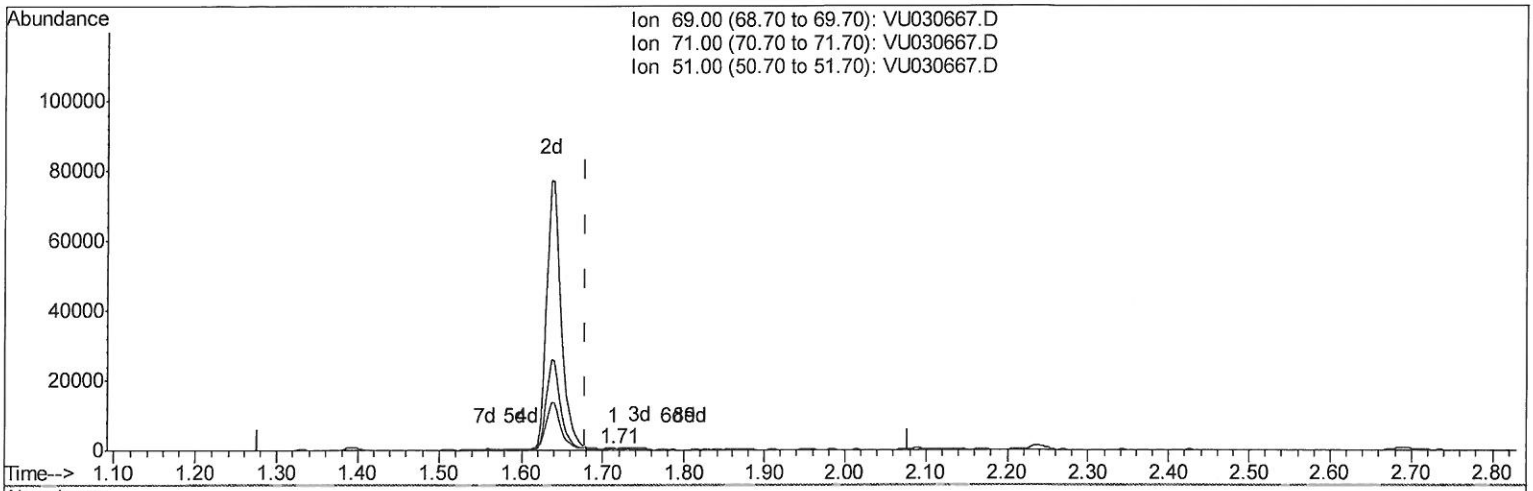

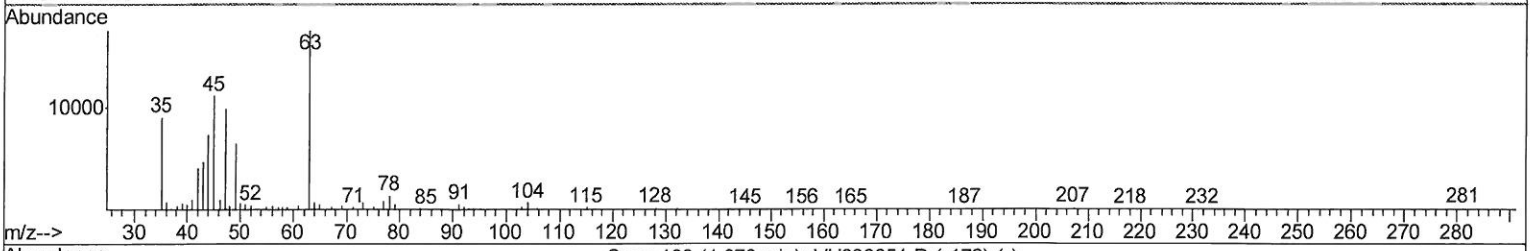

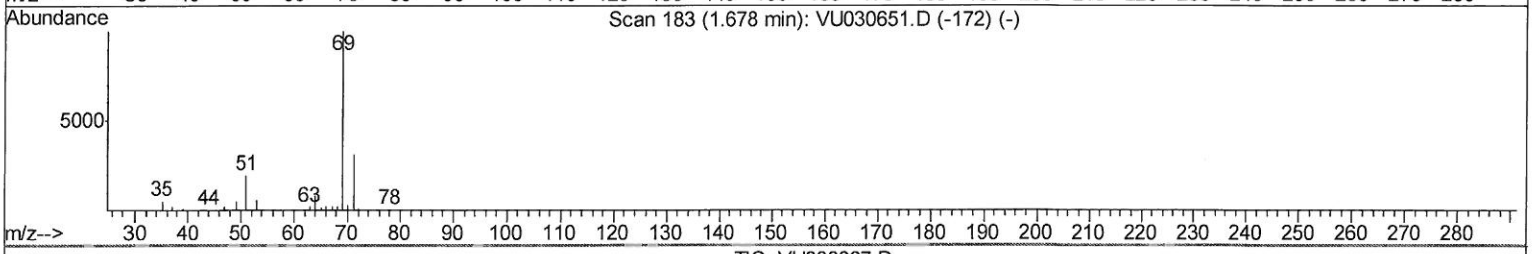

TIC: VU030667.D

(7) Chloroethane-d5 (S)

1.714min (+0.035) 0.17ug/L

response 623

Ion	Exp%	Act%
69.00	100	100
71.00	31.70	44.78#
51.00	28.60	59.55#
0.00	0.00	0.00

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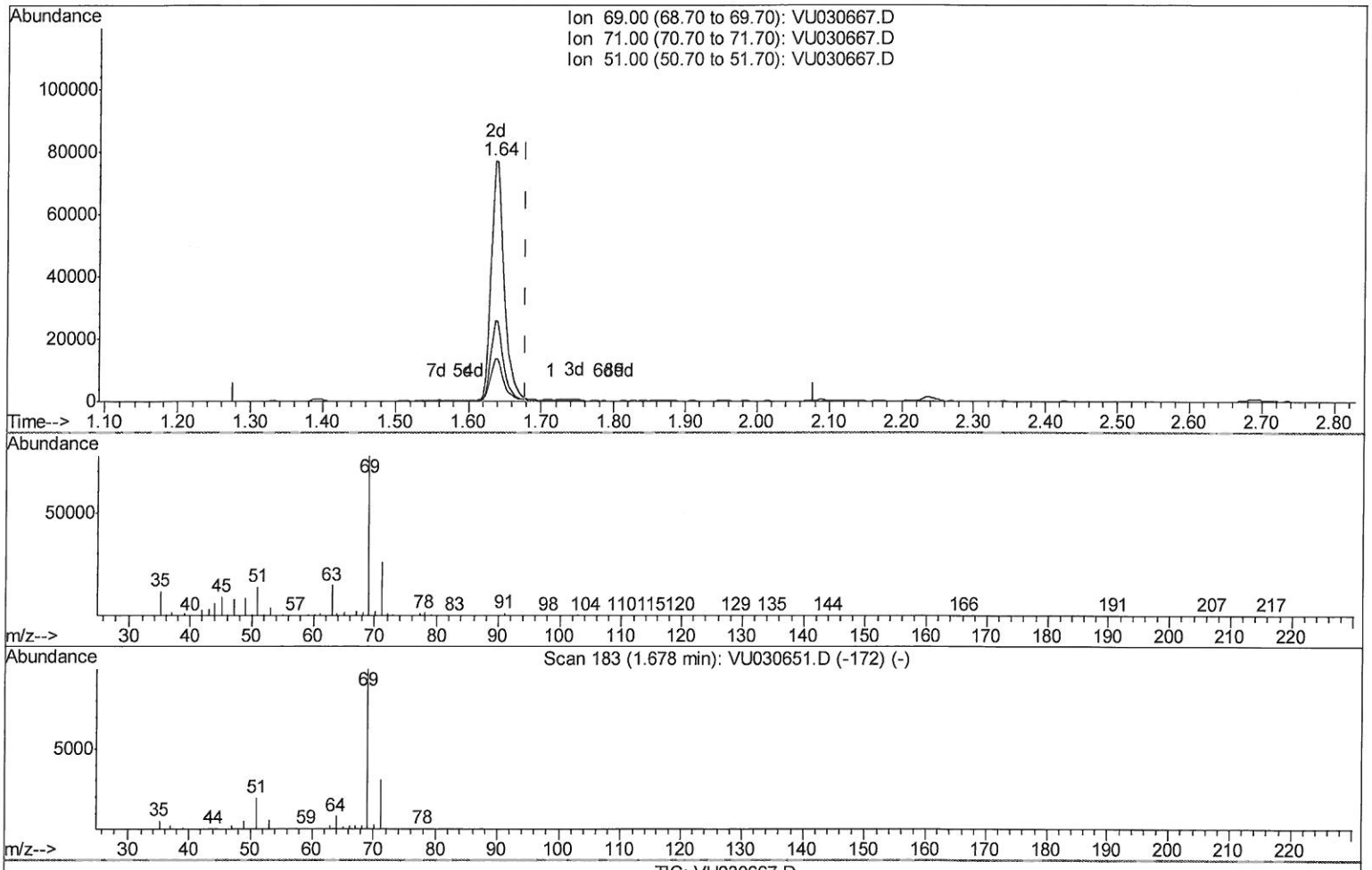
MMDadoda
4/4/2019 11:47:45 AM



TIC: VU030667.D

(7) Chloroethane-d5 (S)

1.637min (-0.042) 25.65ug/L m

response 96343

Ion	Exp%	Act%
69.00	100	100
71.00	31.70	0.29#
51.00	28.60	0.39#
0.00	0.00	0.00

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Instrument :
MSVOA_U
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Manual Integrations APPROVED
MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 07:55:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	588897	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	573765	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	272934	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	141361	29.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 59.66%#			
7) Chloroethane-d5	1.64	69	96343m	25.65	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 51.30%#			
11) 1,1-Dichloroethene-d2	2.24	63	222916	24.80	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 49.60%#			
21) 2-Butanone-d5	4.19	46	296288	66.50	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 66.50%			
24) Chloroform-d	4.64	84	255046	31.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 62.46%#			
26) 1,2-Dichloroethane-d4	5.30	65	177940	33.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 66.60%#			
32) Benzene-d6	5.33	84	554313	33.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 67.38%#			
36) 1,2-Dichloropropane-d6	6.32	67	194346	34.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 69.04%#			
41) Toluene-d8	7.56	98	492421	33.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 66.64%#			
43) trans-1,3-Dichloropropene-	7.85	79	78914	29.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.62%#			
47) 2-Hexanone-d5	8.32	63	207382	67.98	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 67.98%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	282826	35.11	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 70.22%			
64) 1,2-Dichlorobenzene-d4	11.86	152	188191	34.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 68.82%#			
Target Compounds						Qvalue
46) Tetrachloroethene	8.22	164	66901	19.949	ug/L	97

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

MD 4/4/19