Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030919\

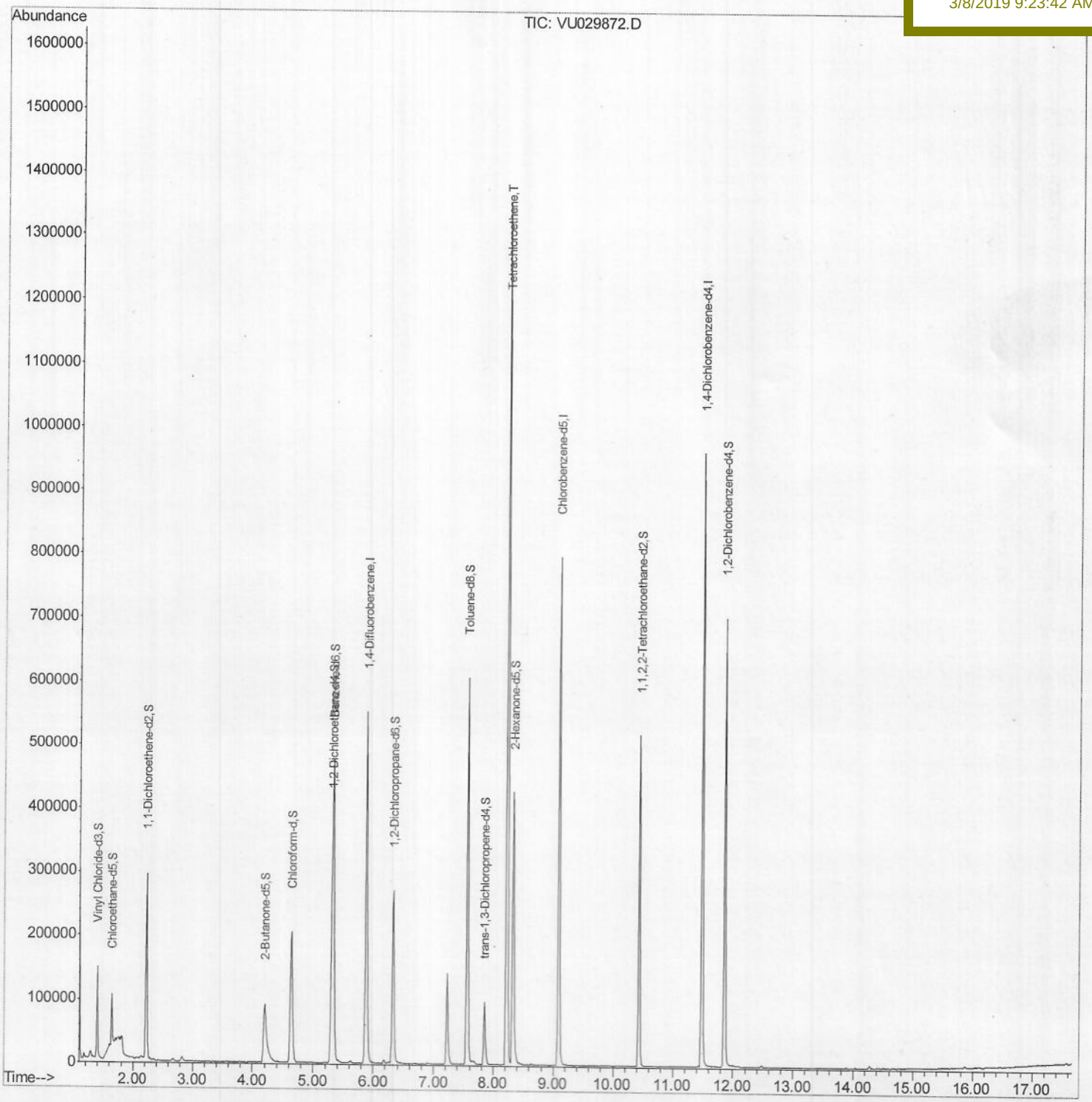
Quantitation Report (QT Reviewed)

Data File : VU029872.D
Acq On : 07 Mar 2019 23:40
Operator : JC/SP
Sample : K1789-03ME
Misc : 6.59g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 08 07:19:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 04:31:20 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF0N9ME

Manual Integrations APPROVED
MMDadoda
3/8/2019 9:23:42 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030919\

Quantitation Report (Qedit)

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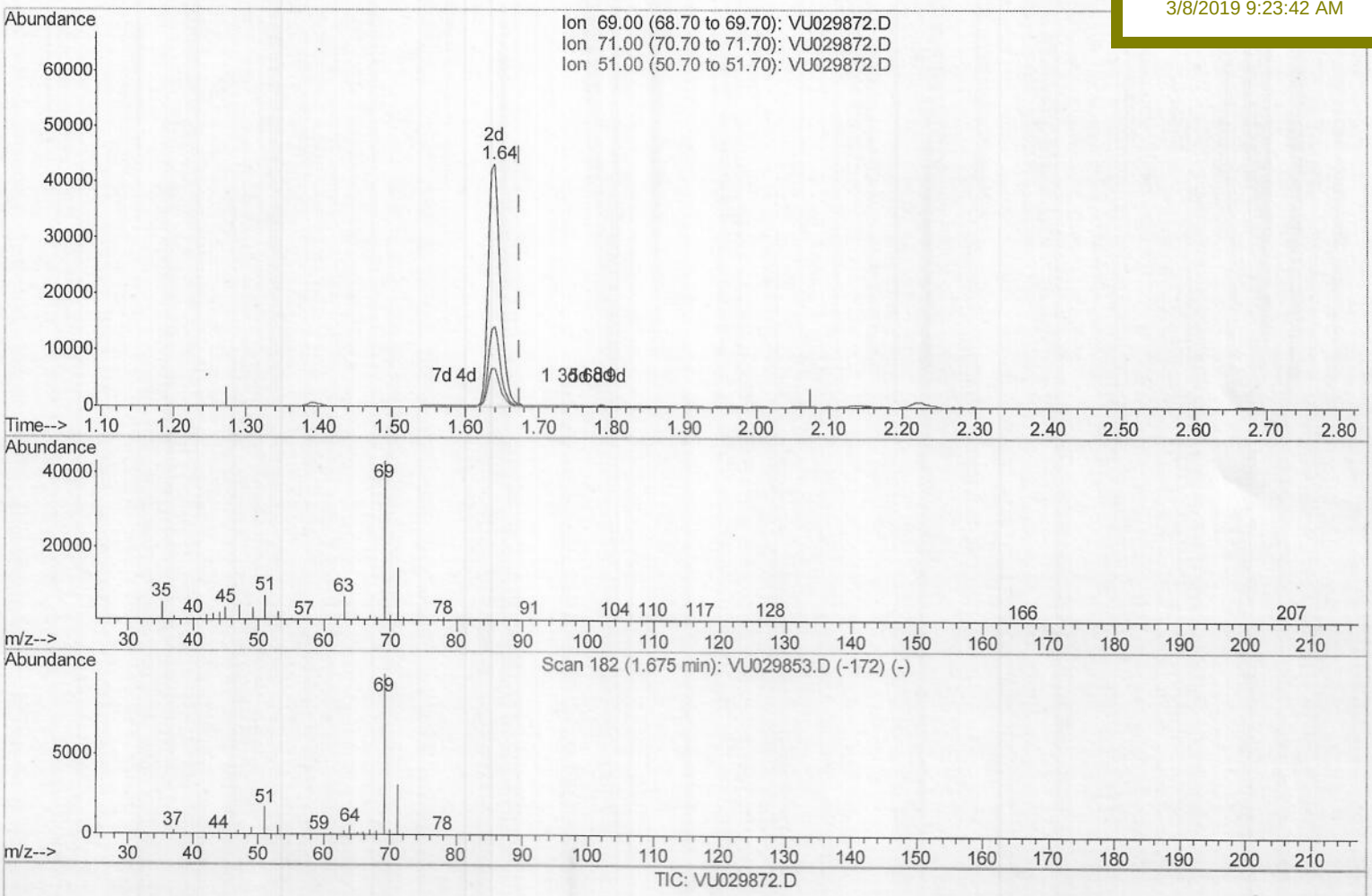

TIC: VU029872.D

(7) Chloroethane-d5 (S)

1.640min (-0.035) 13.89ug/L m

response 48266

Ion	Exp%	Act%
69.00	100	100
71.00	33.40	0.00#
51.00	25.00	0.10#
0.00	0.00	0.00

M.D 03/20/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030919\

Quantitation Report (Qedit)

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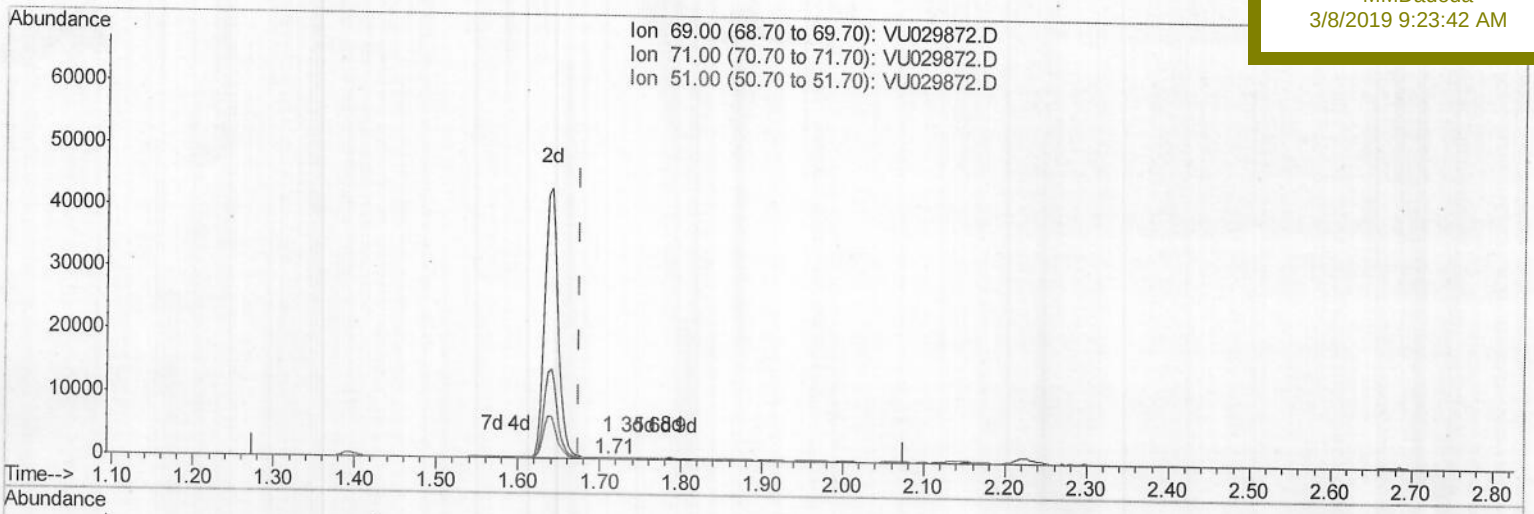
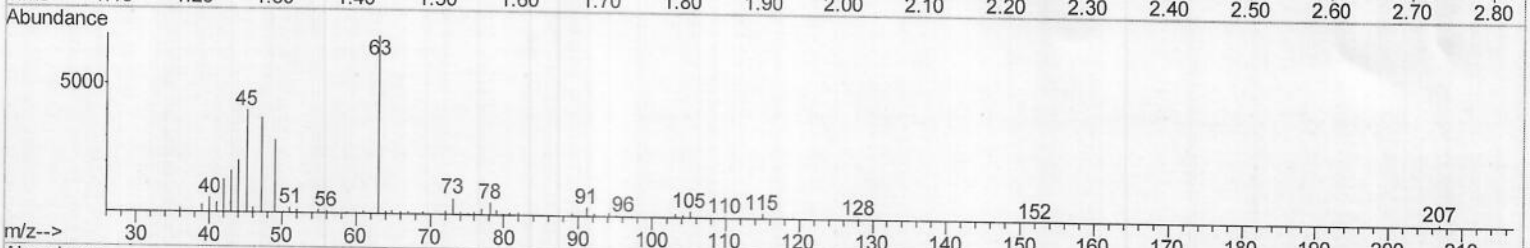
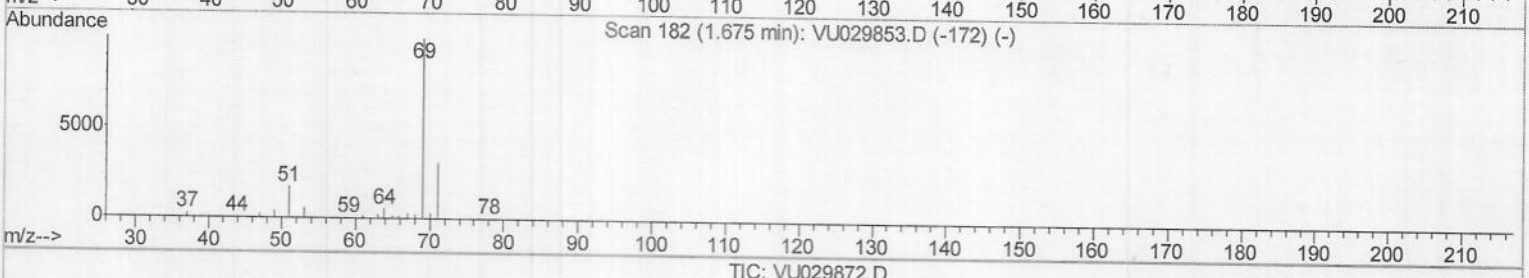
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 04:31:20 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF0N9ME

Manual Integrations APPROVED
MMDadoda
3/8/2019 9:23:42 AM







TIC: VU029872.D

(7) Chloroethane-d5 (S)

1.711min (+0.035) 0.07ug/L

response 232

Ion	Exp%	Act%
69.00	100	100
71.00	33.40	0.00#
51.00	25.00	21.55
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030919\

Quantitation Report (QT Reviewed)

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Quant Title : VOC Analysis
QLast Update : Fri Mar 08 04:31:20 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : BF0N9ME

Manual Integrations APPROVED
MMDadoda
3/8/2019 9:23:42 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	533468	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	527742	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	277071	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	105100	26.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 53.78%#			
7) Chloroethane-d5	1.64	69	48266m	13.89	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 27.78%#			
11) 1,1-Dichloroethene-d2	2.23	63	160076	20.95	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 41.90%#			
21) 2-Butanone-d5	4.20	46	201152	84.56	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.56%			
24) Chloroform-d	4.64	84	220358	34.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 69.52%#			
26) 1,2-Dichloroethane-d4	5.30	65	143530	35.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 71.52%			
32) Benzene-d6	5.33	84	486531	36.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 73.28%			
36) 1,2-Dichloropropane-d6	6.32	67	151911	38.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 76.04%			
41) Toluene-d8	7.56	98	441288	32.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 65.12%#			
43) trans-1,3-Dichloropropene-	7.85	79	67120	31.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.34%			
47) 2-Hexanone-d5	8.32	63	191929	86.27	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.27%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	263402	39.02	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 78.04%			
64) 1,2-Dichlorobenzene-d4	11.86	152	209250	35.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 70.08%#			
Target Compounds						Qvalue
46) Tetrachloroethene	8.22	164	327479	91.792	ug/L	98

M.D 03/20/19

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