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

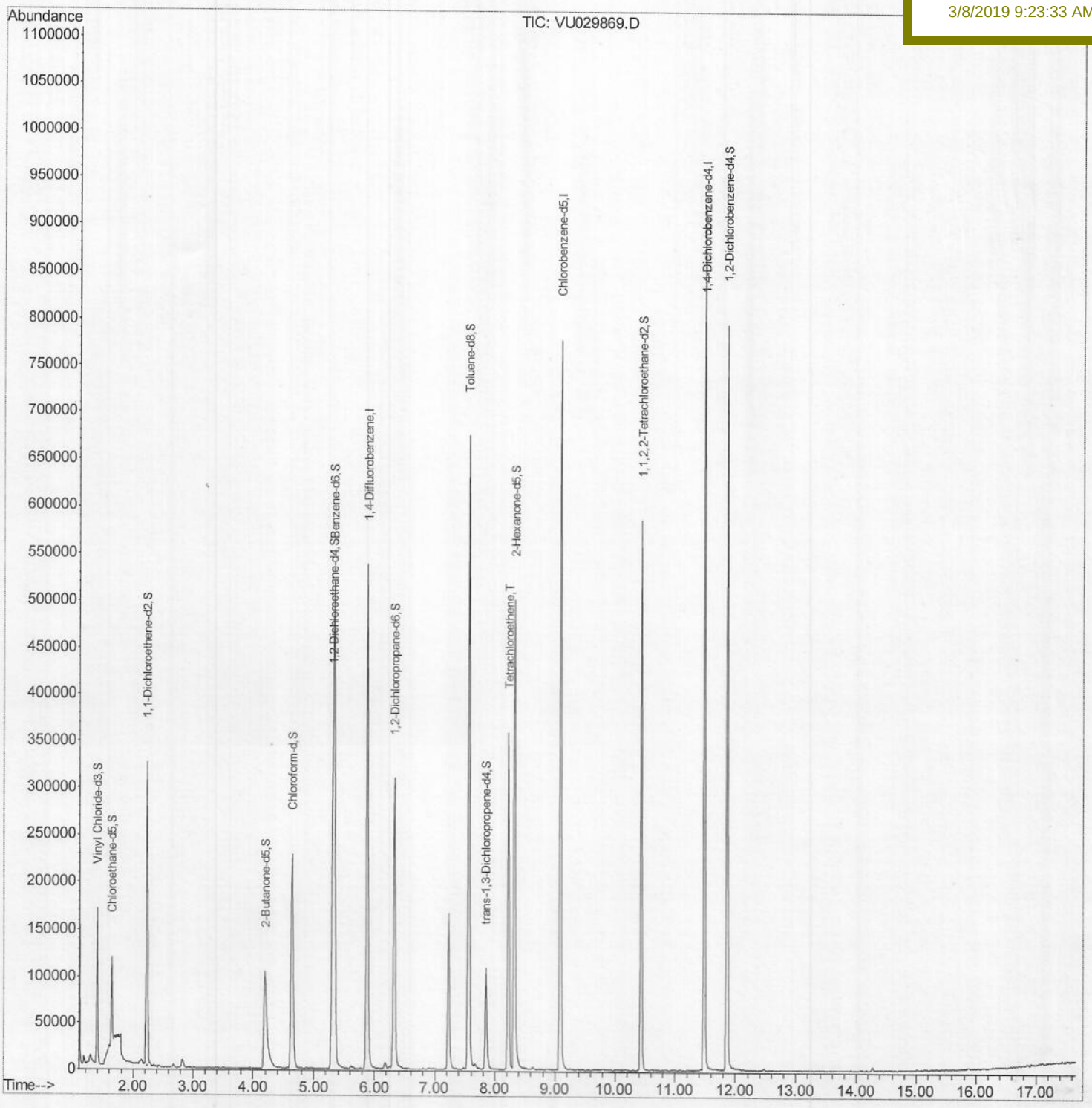
Quantitation Report (QT Reviewed)

Data File : VU029869.D
Acq On : 07 Mar 2019 22:31
Operator : JC/SP
Sample : K1789-07ME
Misc : 5.98g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 08 07:09:57 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 :
BF0P3ME

Manual Integrations APPROVED
MMDadoda
3/8/2019 9:23:33 AM



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

Quantitation Report (Qedit)

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Quant Time: Mar 08 04:36:46 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

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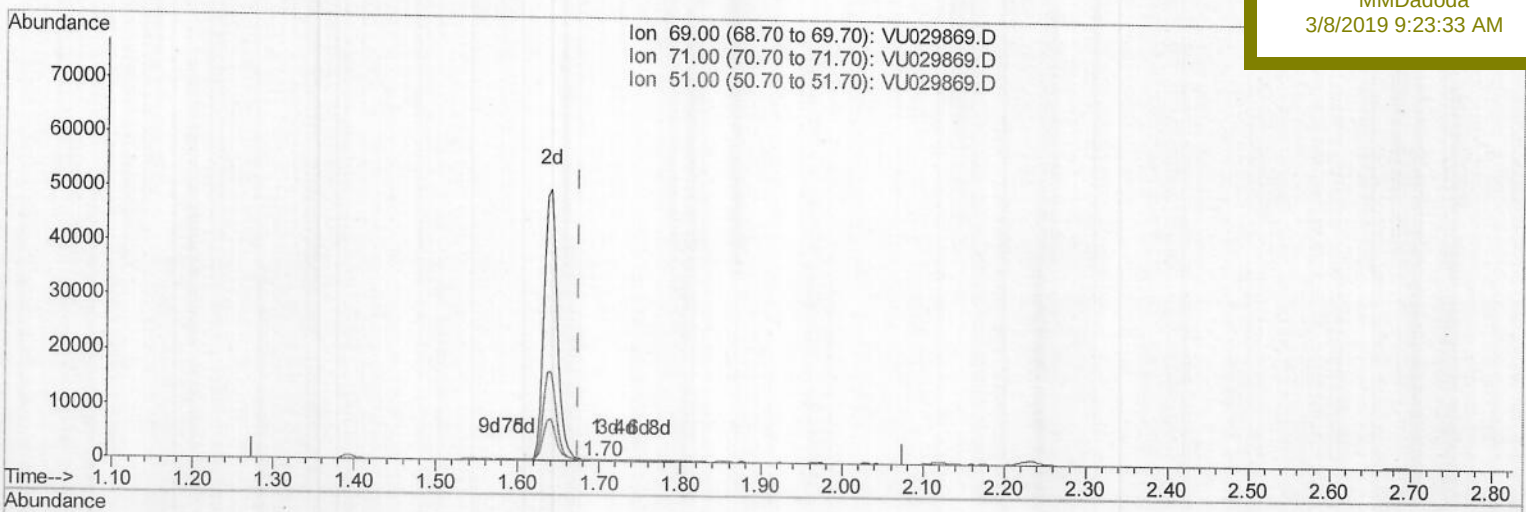
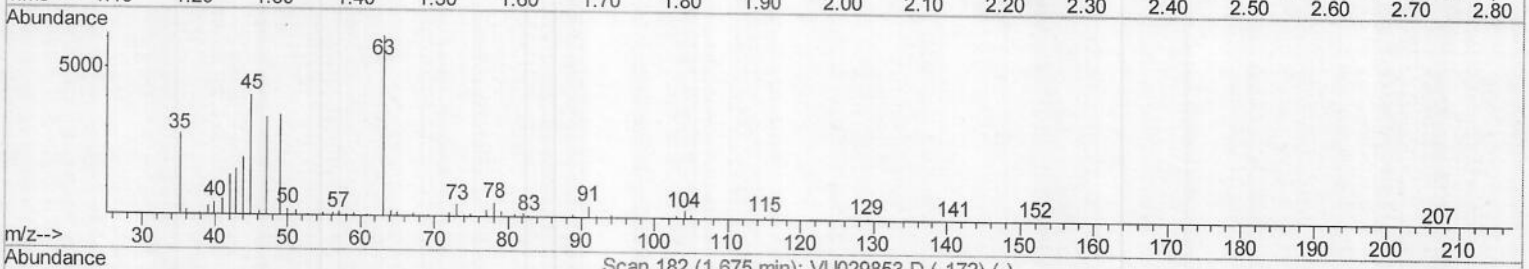
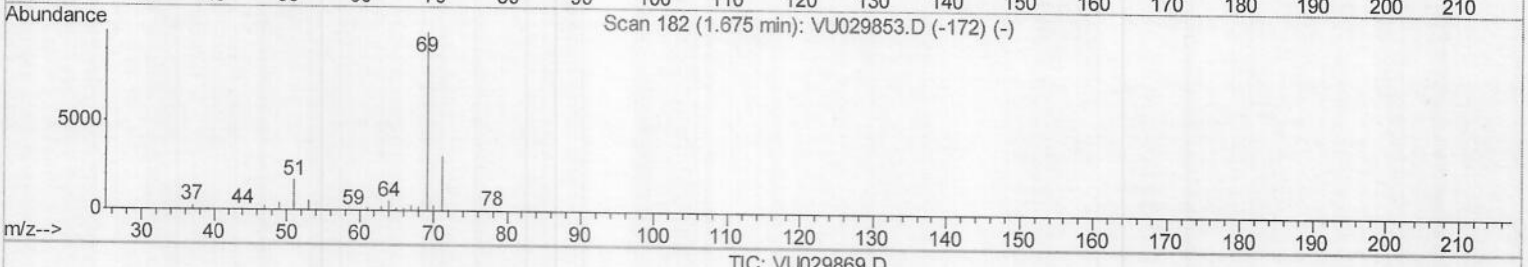
Manual Integrations APPROVED
MMDadoda
3/8/2019 9:23:33 AM







TIC: VU029869.D

(7) Chloroethane-d5 (S)

1.698min (+0.023) 0.01ug/L

response 39

Ion	Exp%	Act%
69.00	100	100
71.00	33.40	443.59#
51.00	25.00	0.00#
0.00	0.00	0.00

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

Quantitation Report (Qedit)

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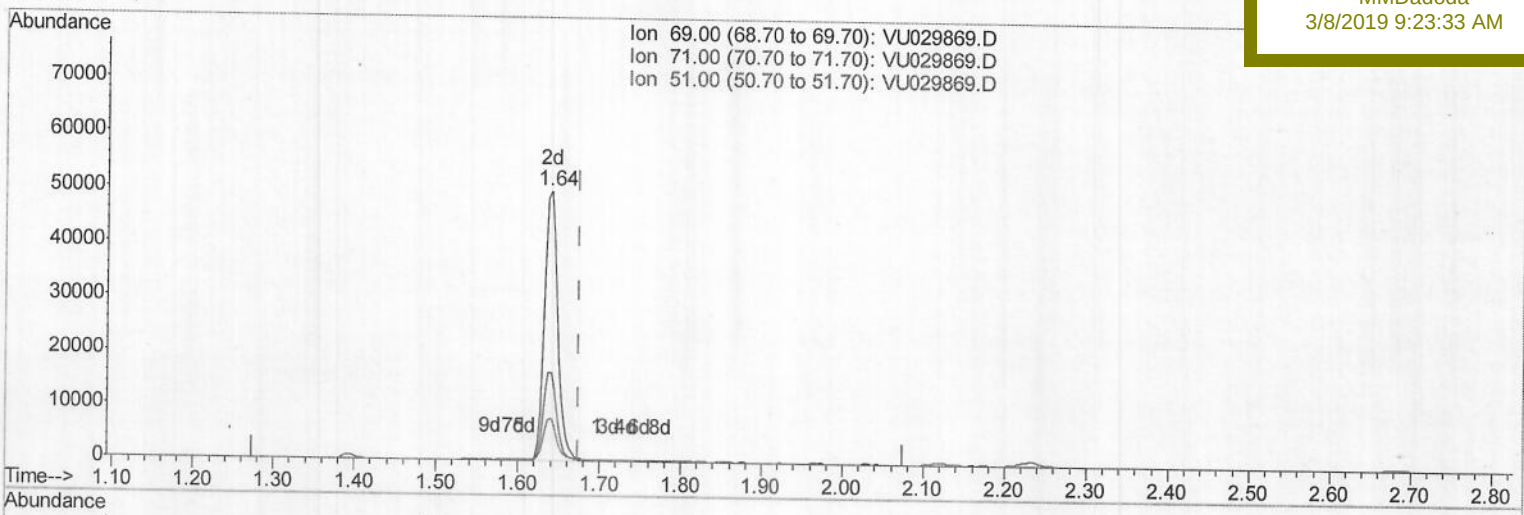
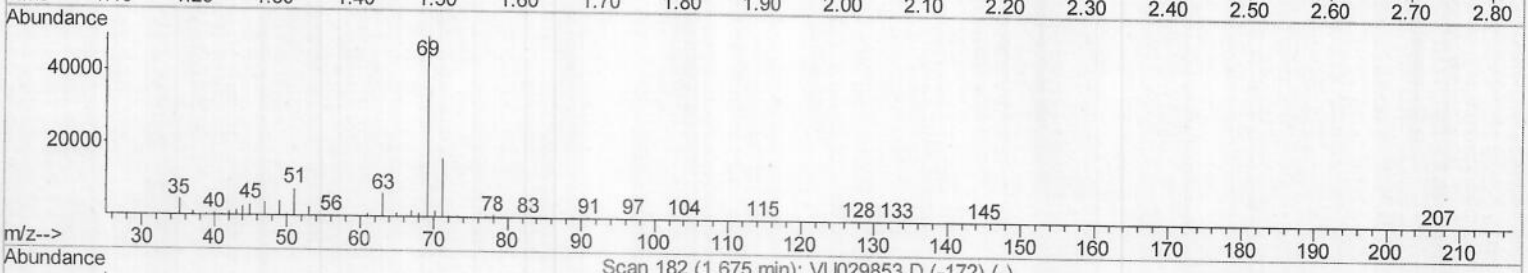
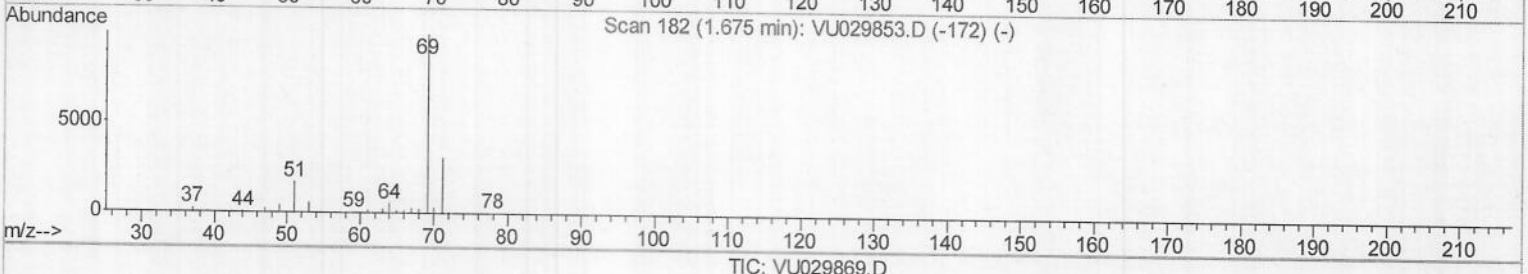
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 04:31:20 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF0P3ME

Manual Integrations APPROVED
MMDadoda
3/8/2019 9:23:33 AM







TIC: VU029869.D

(7) Chloroethane-d5 (S)

1.640min (-0.035) 16.79ug/L m

response 55123

Ion	Exp%	Act%
69.00	100	100
71.00	33.40	0.31#
51.00	25.00	0.00#
0.00	0.00	0.00

M.P 03/20/19

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

Quantitation Report (QT Reviewed)

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Operator : JC/SP
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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 : BF0P3ME

Manual Integrations APPROVED
MMDadoda
3/8/2019 9:23:33 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	503914	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	500015	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	262392	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	119161	32.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 64.54%			
7) Chloroethane-d5	1.64	69	55123m	16.79	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 33.58%#			
11) 1,1-Dichloroethene-d2	2.23	63	176183	24.41	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 48.82%#			
21) 2-Butanone-d5	4.19	46	227455	101.22	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.22%			
24) Chloroform-d	4.64	84	243633	40.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.36%			
26) 1,2-Dichloroethane-d4	5.30	65	157604	41.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.12%			
32) Benzene-d6	5.33	84	536656	42.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.30%			
36) 1,2-Dichloropropane-d6	6.32	67	168396	44.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.98%			
41) Toluene-d8	7.56	98	484318	37.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 75.44%#			
43) trans-1,3-Dichloropropene-	7.85	79	74045	36.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.76%			
47) 2-Hexanone-d5	8.32	63	208926	99.11	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.11%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293881	45.95	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.90%			
64) 1,2-Dichlorobenzene-d4	11.86	152	233292	41.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.52%			
Target Compounds						Qvalue
46) Tetrachloroethene	8.22	164	88926	26.308	ug/L	99

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

M.D 03/20/19