Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

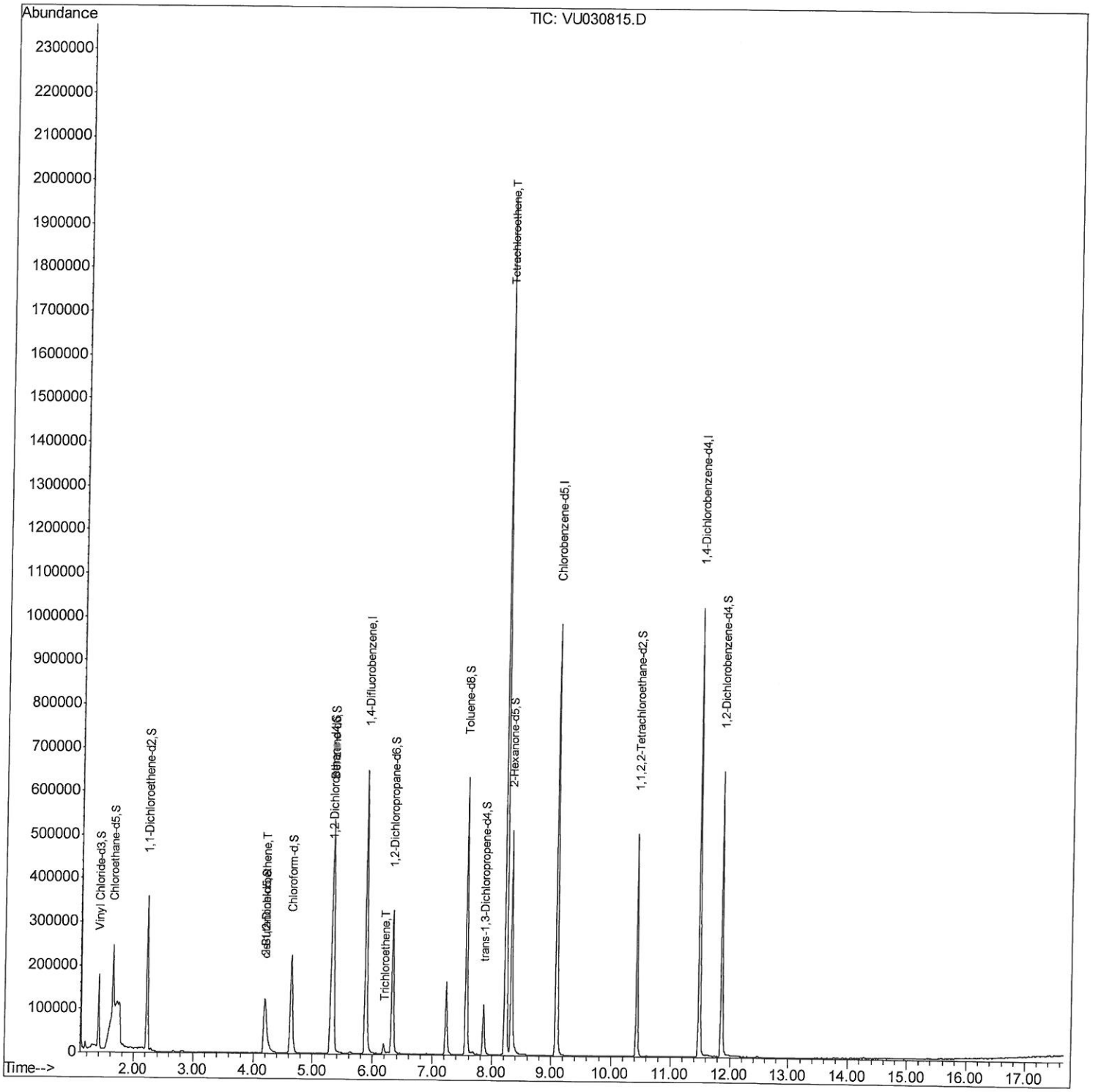
Quantitation Report (QT Reviewed)

Data File : VU030815.D
Acq On : 06 Apr 2019 20:54
Operator : JC/SP
Sample : K2277-06ME
Misc : 5.66g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 08 07:01:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF168ME

Manual Integrations APPROVED
MMDadoda
4/10/2019 1:52:15 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

Quantitation Report (Qedit)

Data File : VU030815.D
Acq On : 06 Apr 2019 20:54
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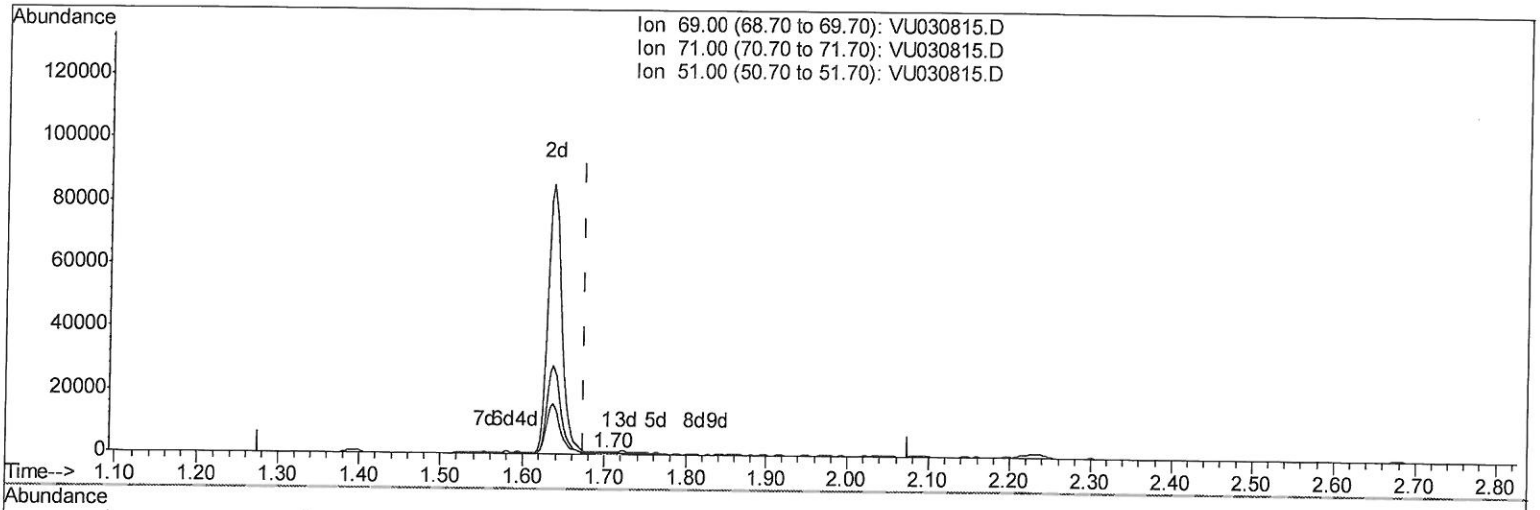

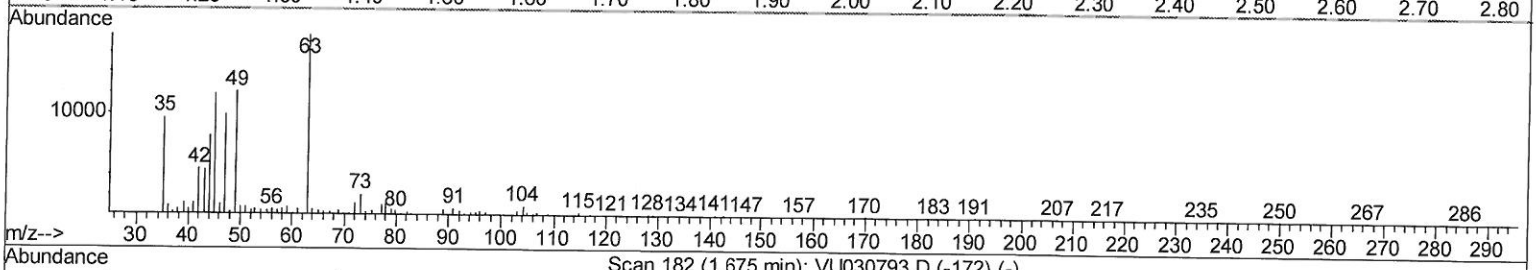

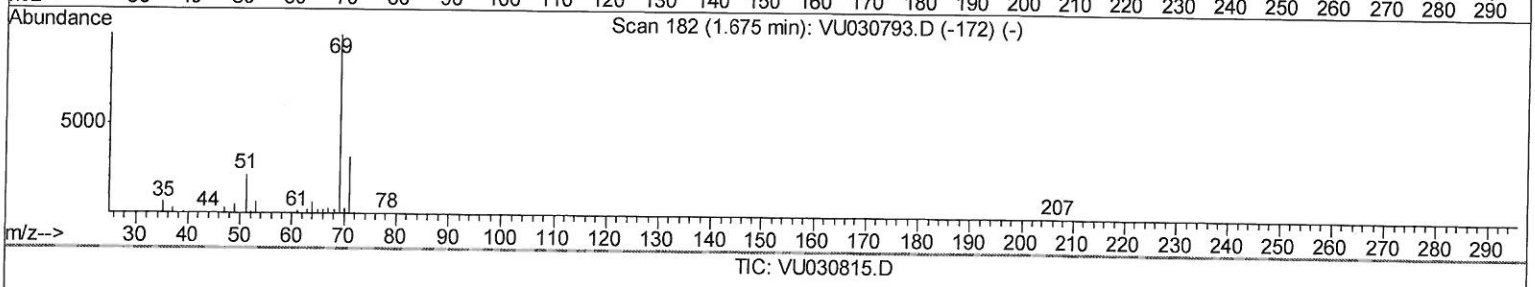

TIC: VU030815.D

(7) Chloroethane-d5 (S)

1.704min (+0.029) 0.12ug/L

response 463

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	0.00#
51.00	27.70	16.85#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

Quantitation Report (Qedit)

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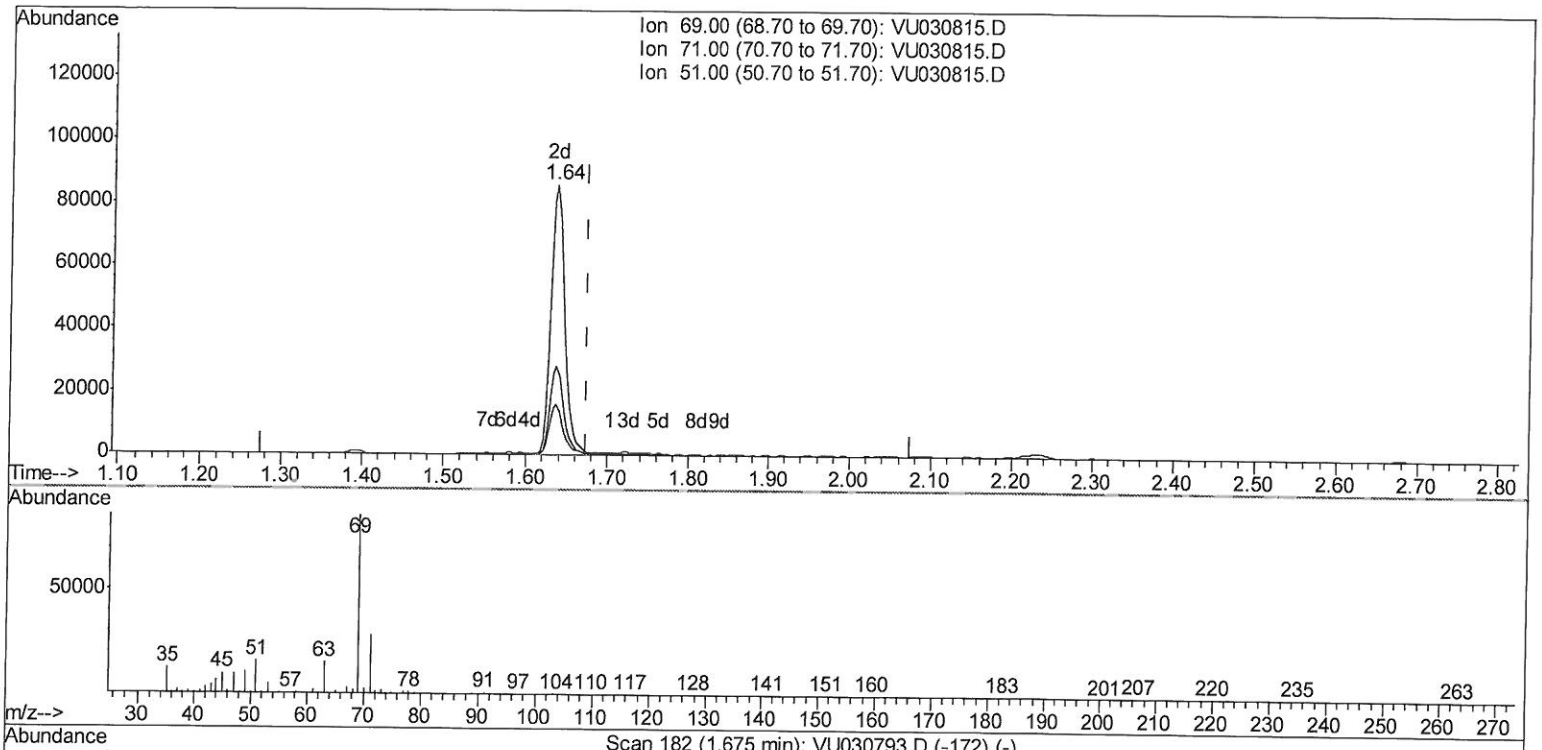
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF168ME

Manual Integrations APPROVED
MMDadoda
4/10/2019 1:52:15 PM



TIC: VU030815.D

(7) Chloroethane-d5 (S)

1.637min (-0.039) 26.71ug/L m

response 99157

7MD 4/10/19

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	0.00#
51.00	27.70	0.08#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

Quantitation Report (QT Reviewed)

Data File : VU030815.D
Acq On : 06 Apr 2019 20:54
Operator : JC/SP
Sample : K2277-06ME
Misc : 5.66g/5mL/100uL/5.0mL/MSVOA_U/MEOH
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : BF168ME

Manual Integrations APPROVED
MMDadoda
4/10/2019 1:52:15 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	547975	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	544585	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	255994	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	128969	26.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 52.74%#			
7) Chloroethane-d5	1.64	69	99157m	26.71	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 53.42%#			
11) 1,1-Dichloroethene-d2	2.23	63	208695	23.59	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 47.18%#			
21) 2-Butanone-d5	4.19	46	258421	66.66	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 66.66%			
24) Chloroform-d	4.64	84	229571	30.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 61.44%#			
26) 1,2-Dichloroethane-d4	5.30	65	173034	33.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 67.88%#			
32) Benzene-d6	5.33	84	491898	30.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 61.88%#			
36) 1,2-Dichloropropane-d6	6.32	67	175939	32.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 64.58%#			
41) Toluene-d8	7.56	98	427348	30.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 60.66%#			
43) trans-1,3-Dichloropropene-	7.85	79	74995	30.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.38%			
47) 2-Hexanone-d5	8.32	63	187484	75.29	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 75.29%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	260934	35.51	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 71.02%			
64) 1,2-Dichlorobenzene-d4	11.86	152	172596	34.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 68.56%#			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.21	96	9644	2.172	ug/L	97
34) Trichloroethene	6.18	95	7721	1.766	ug/L	95
46) Tetrachloroethene	8.22	164	432298	136.036	ug/L	98

MD 4/10/19

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