Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032119\

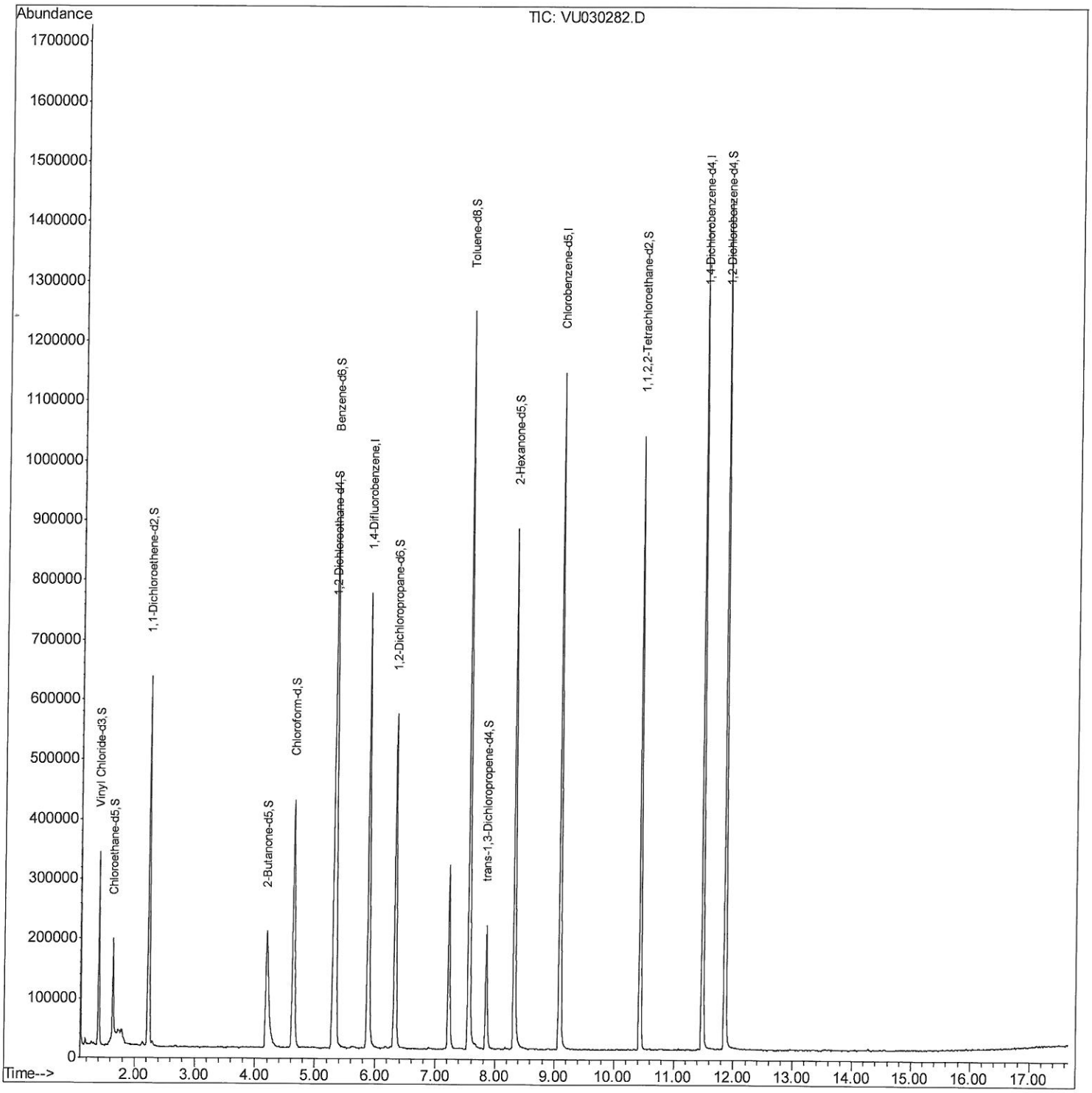
Quantitation Report (QT Reviewed)

Data File : VU030282.D
Acq On : 21 Mar 2019 21:38
Operator : JC/SP
Sample : K2017-14
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 22 06:30:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 05:14:44 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF0E0

Manual Integrations APPROVED
MMDadoda
3/22/2019 1:06:07 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032119\

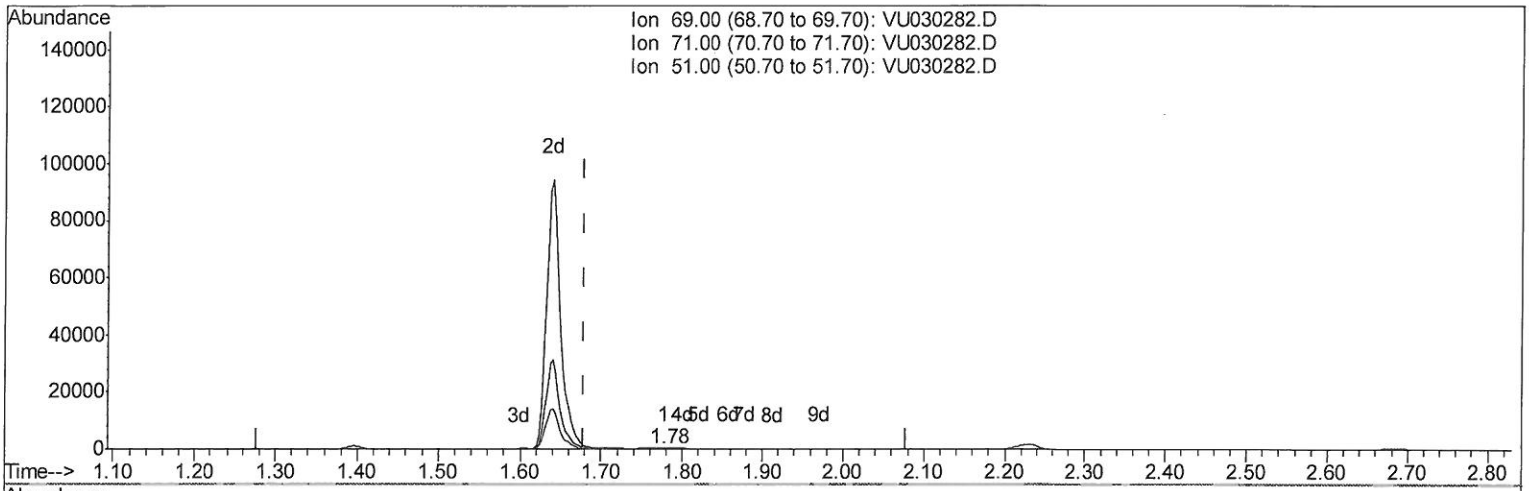
Quantitation Report (Qedit)

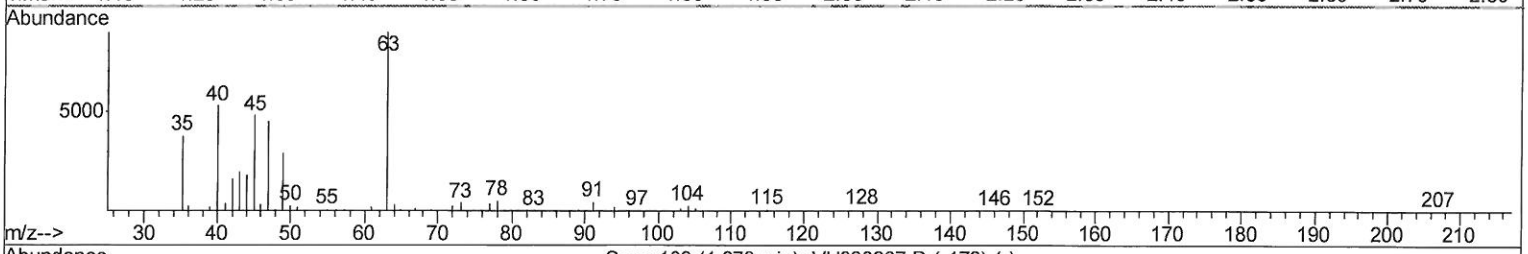
Data File : VU030282.D
Acq On : 21 Mar 2019 21:38
Operator : JC/SP
Sample : K2017-14
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

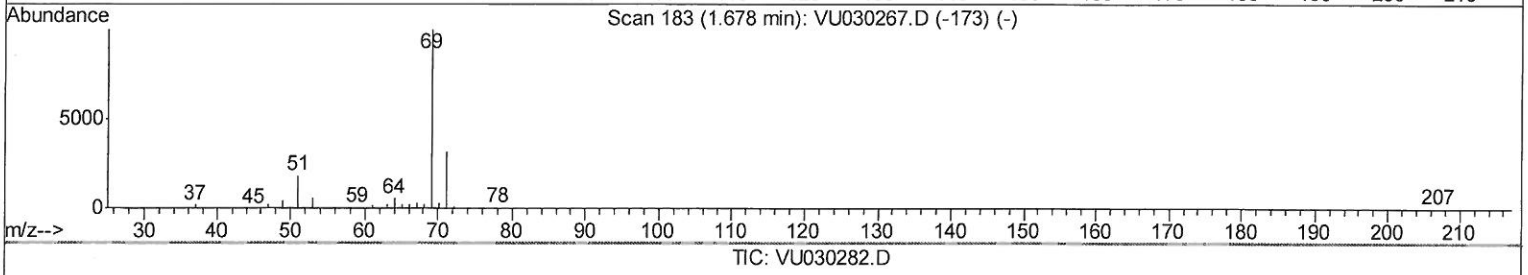
Quant Time: Mar 22 05:20:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 05:14:44 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF0E0

Manual Integrations APPROVED
MMDadoda
3/22/2019 1:06:07 PM







TIC: VU030282.D

(7) Chloroethane-d5 (S)

1.778min (+0.100) 0.06ug/L

response 230

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	26.09
51.00	24.00	27.83
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032119\

Quantitation Report (Qedit)

Data File : VU030282.D
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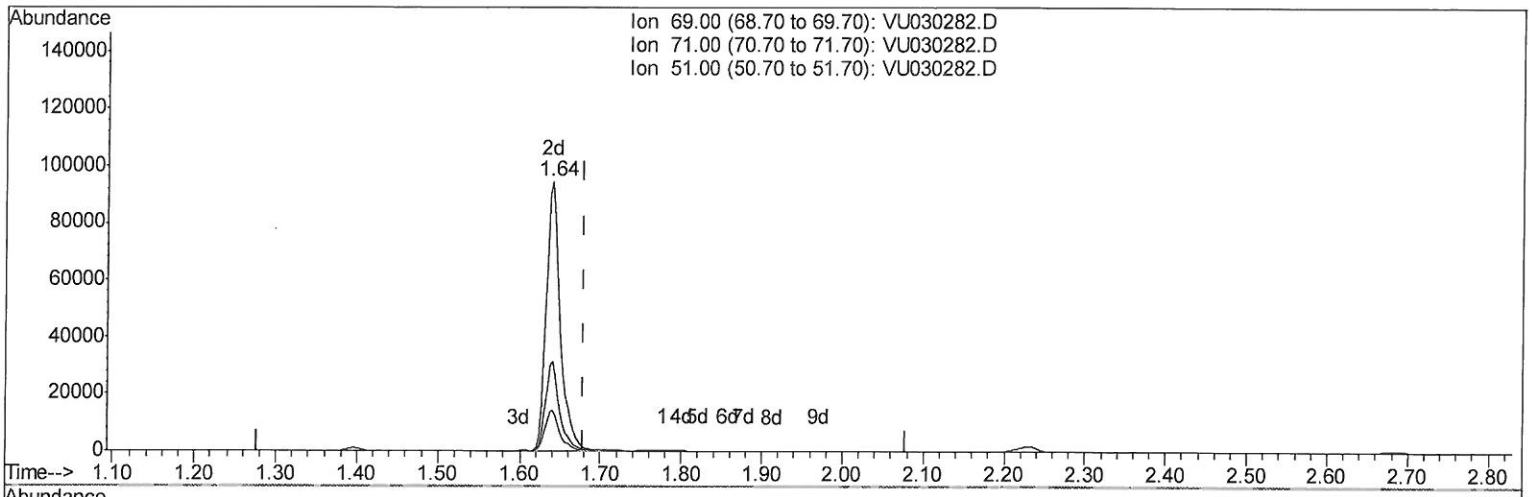
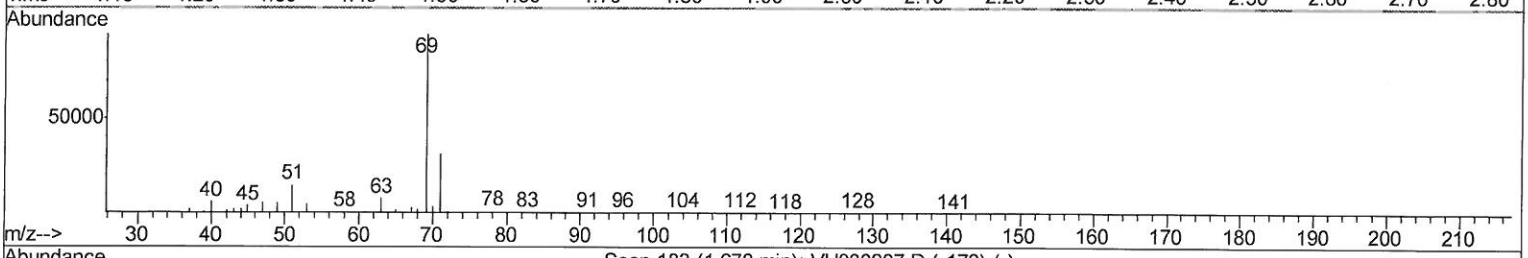
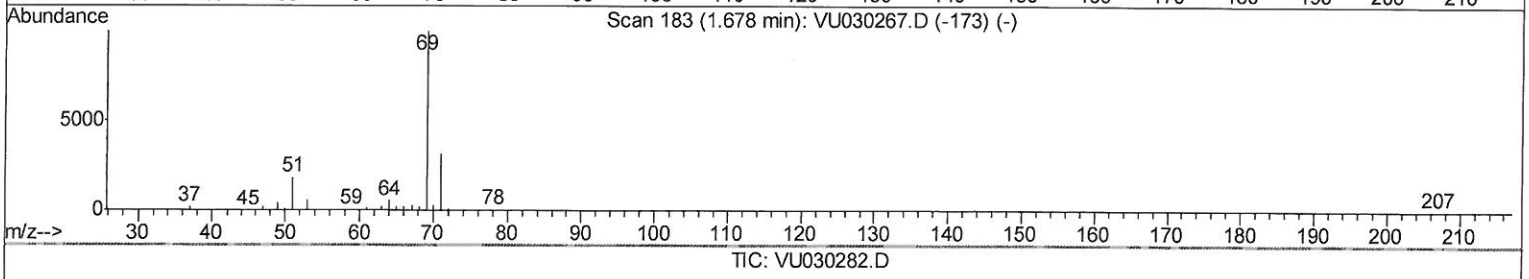
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 05:14:44 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF0E0

Manual Integrations APPROVED
MMDadoda
3/22/2019 1:06:07 PM







TIC: VU030282.D

(7) Chloroethane-d5 (S)

1.640min (-0.039) 28.33ug/L m

response 113505

7 ME 3/27/19

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	0.05#
51.00	24.00	0.06#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032119\

Quantitation Report (QT Reviewed)

Data File : VU030282.D
Acq On : 21 Mar 2019 21:38
Operator : JC/SP
Sample : K2017-14
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0E0

Manual Integrations APPROVED
MMDadoda
3/22/2019 1:06:07 PM

Quant Time: Mar 22 06:30:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 05:14:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	740876	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	749577	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	392739	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	248574	49.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.24%			
7) Chloroethane-d5	1.64	69	113505m	28.33	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 56.66%#			
11) 1,1-Dichloroethene-d2	2.23	63	341672	37.38	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.76%			
21) 2-Butanone-d5	4.19	46	406969	109.50	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.50%			
24) Chloroform-d	4.64	84	454976	49.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.98%			
26) 1,2-Dichloroethane-d4	5.30	65	273395	52.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.28%			
32) Benzene-d6	5.33	84	994987	50.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.74%			
36) 1,2-Dichloropropane-d6	6.32	67	316056	51.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.42%			
41) Toluene-d8	7.56	98	929722	50.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.12%			
43) trans-1,3-Dichloropropene-	7.85	79	145588	48.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.84%			
47) 2-Hexanone-d5	8.32	63	373442	117.83	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 117.83%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	526589	56.17	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 112.34%			
64) 1,2-Dichlorobenzene-d4	11.86	152	419136	53.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.32%			

Target Compounds	Qvalue

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

JMD 3/22/19