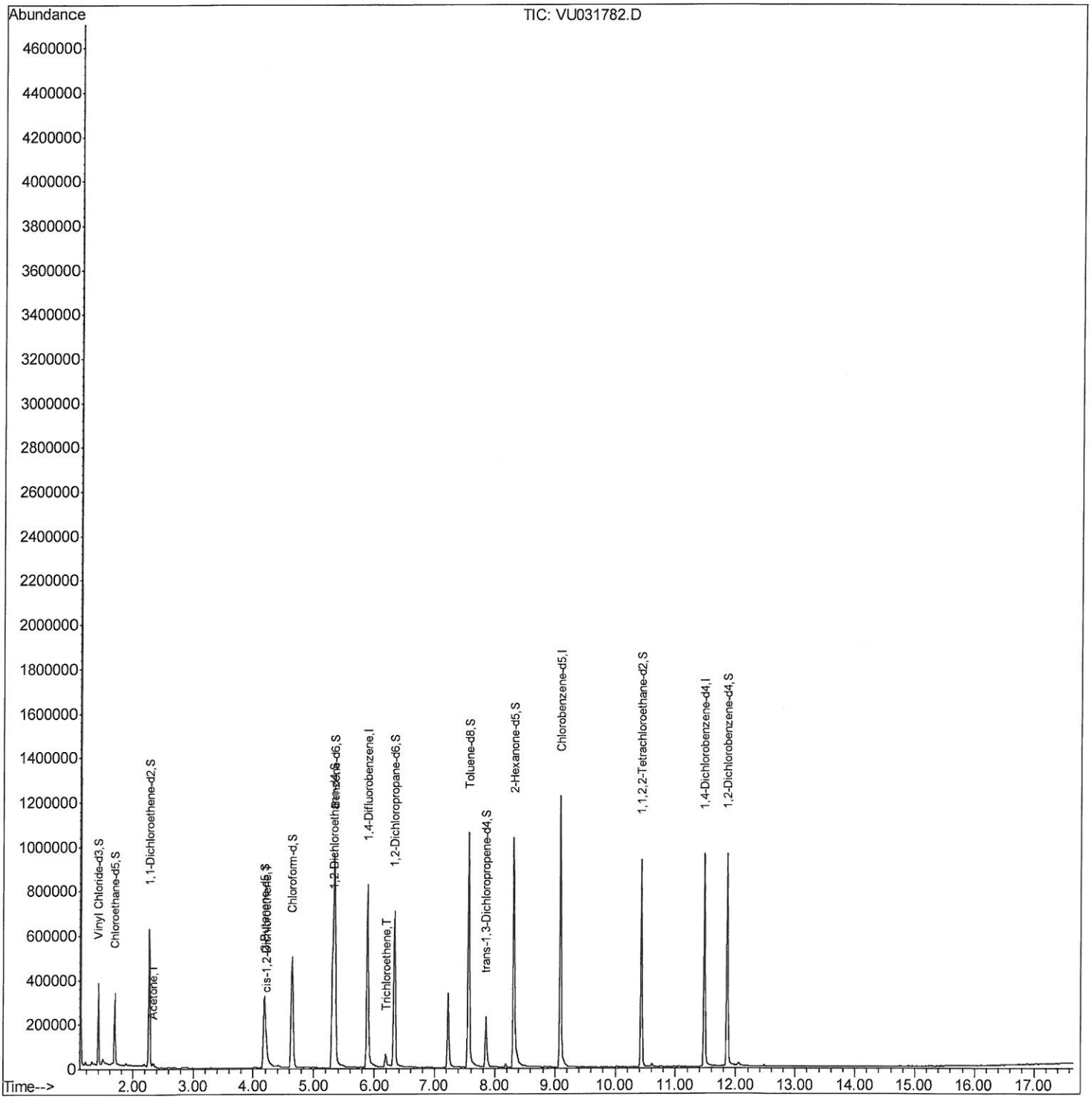
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050619\
Data File : VU031782.D
Acq On : 06 May 2019 15:56
Operator : JC/SP
Sample : K2694-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 07 09:40:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 07 08:38:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFHG4

Manual Integrations APPROVED
MMDadoda
5/7/2019 5:15:06 PM



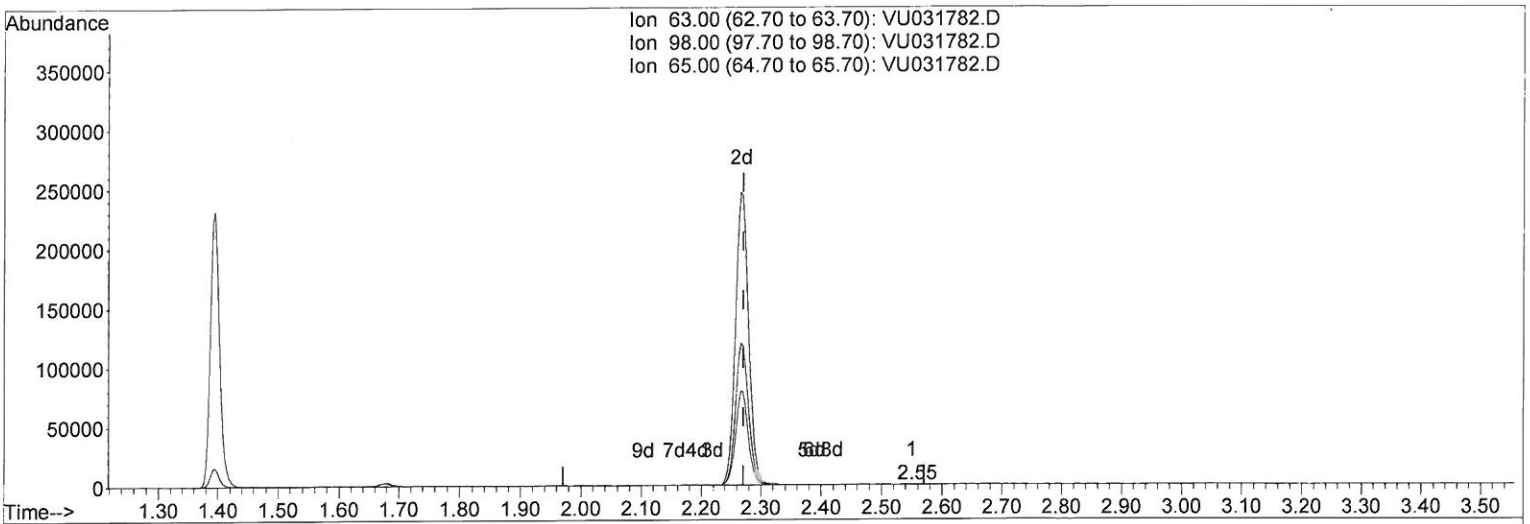
Quantitation Report (Qedit)

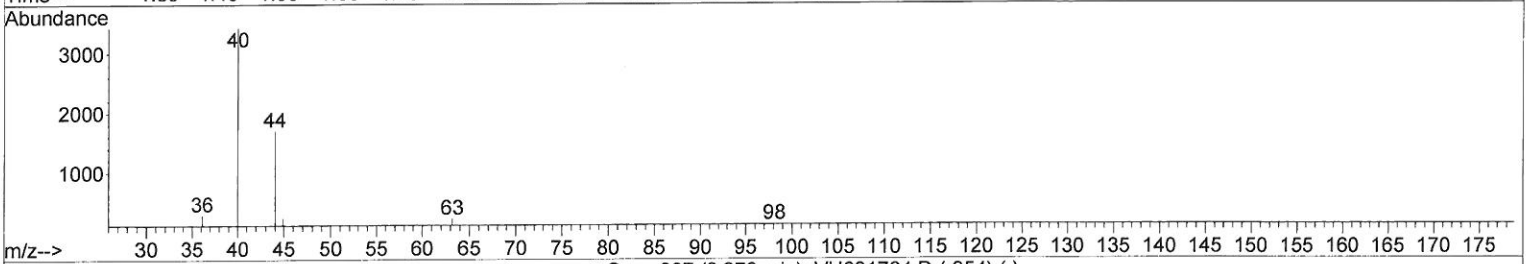
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050619\
Data File : VU031782.D
Acq On : 06 May 2019 15:56
Operator : JC/SP
Sample : K2694-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

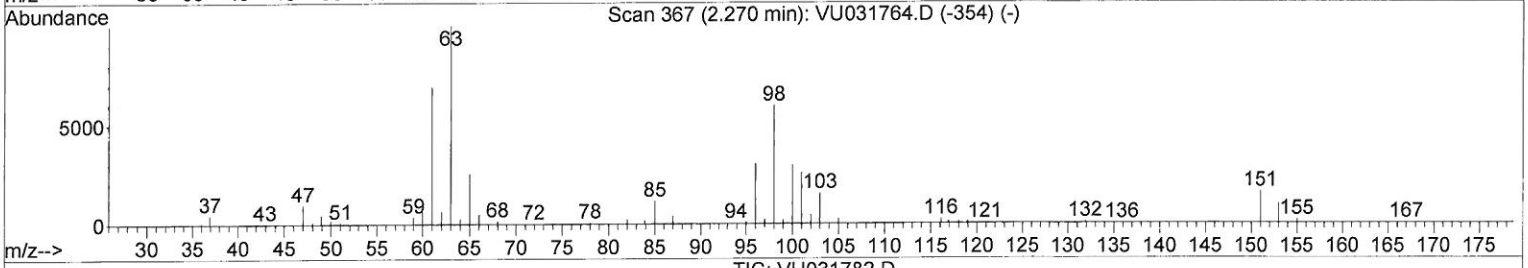
Quant Time: May 07 08:50:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 07 08:38:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFHG4

Manual Integrations APPROVED
MMDadoda
5/7/2019 5:15:06 PM







TIC: VU031782.D

(11) 1,1-Dichloroethene-d2 (S)

2.550min (+0.280) 0.02ug/L

response 250

Ion	Exp%	Act%
63.00	100	100
98.00	66.60	68.40
65.00	23.40	17.60
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc : 5.0mL/MSVOA U/WATER
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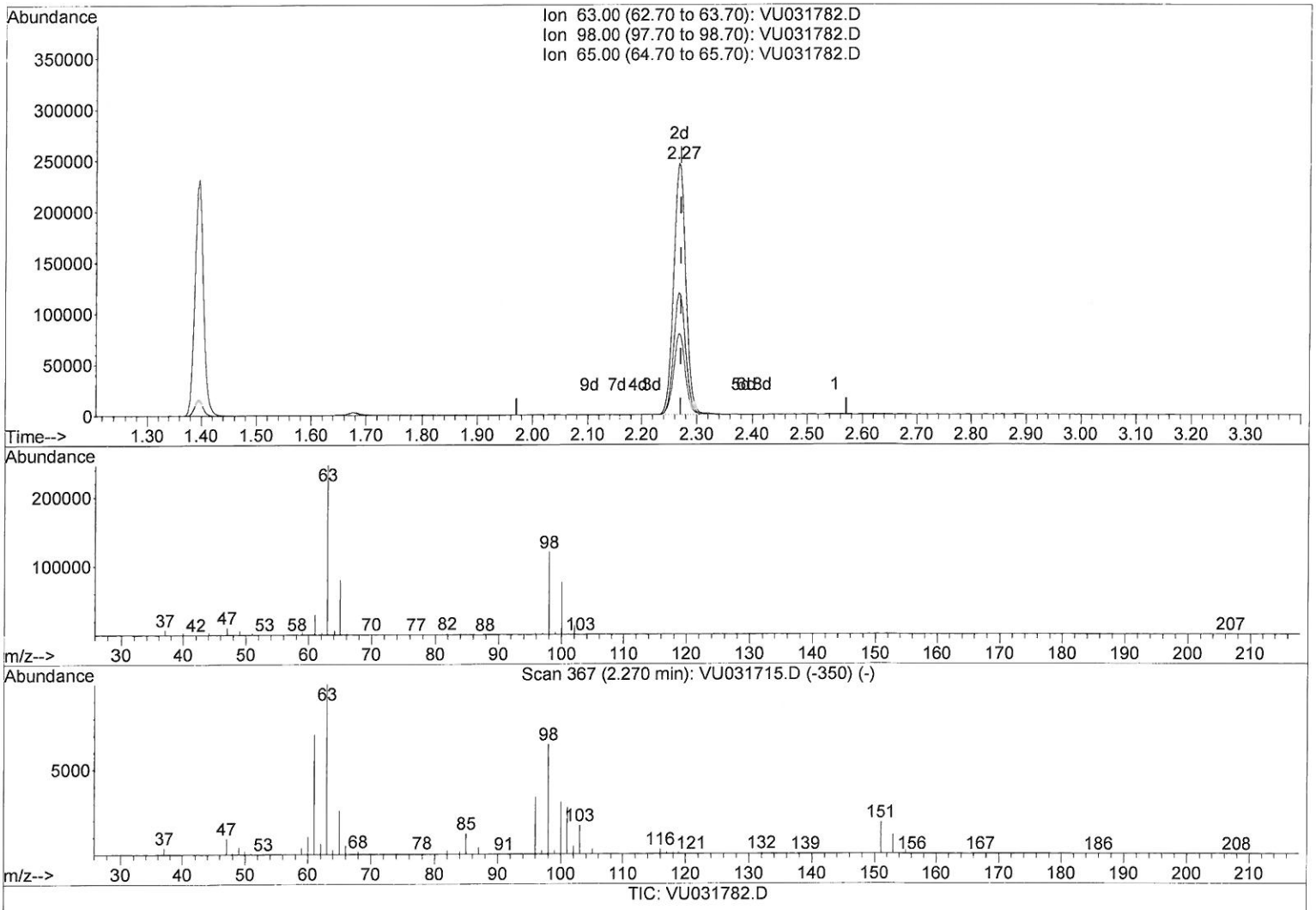
Quant Time: May 07 09:40:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 07 08:38:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFHG4

Manual Integrations APPROVED
MMDadoda
5/7/2019 5:15:06 PM



TIC: VU031782.D

(11) 1,1-Dichloroethene-d2 (S)

2.267min (-0.003) 35.67ug/L m

response 382185

Ion	Exp%	Act%
63.00	100	100
98.00	66.60	0.04#
65.00	23.40	0.01#
0.00	0.00	0.00

MD 5/12/19

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050619\
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Operator : JC/SP
Sample : K2694-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFHG4

Manual Integrations APPROVED
MMDadoda
5/7/2019 5:15:06 PM

Quant Time: May 07 09:40:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 07 08:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	642863	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	622723	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	229495	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	249456	46.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.72%			
7) Chloroethane-d5	1.68	69	203178	48.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.74%			
11) 1,1-Dichloroethene-d2	2.27	63	382185m	35.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.34%			
21) 2-Butanone-d5	4.18	46	600665	123.22	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 123.22%			
24) Chloroform-d	4.64	84	492262	49.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.92%			
26) 1,2-Dichloroethane-d4	5.31	65	348008	54.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.12%			
32) Benzene-d6	5.34	84	910372	47.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.22%			
36) 1,2-Dichloropropane-d6	6.33	67	348391	51.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.58%			
41) Toluene-d8	7.56	98	706469	42.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.84%			
43) trans-1,3-Dichloropropene-	7.85	79	131282	45.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.92%			
47) 2-Hexanone-d5	8.31	63	333238	114.44	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.44%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	475986	52.72	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.44%			
64) 1,2-Dichlorobenzene-d4	11.85	152	231886	48.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.10%			
Target Compounds						Qvalue
13) Acetone	2.34	43	18071	3.291	ug/L	62
20) cis-1,2-Dichloroethene	4.23	96	13013	2.321	ug/L	83
34) Trichloroethene	6.19	95	20352	3.667	ug/L	86

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

MD 5/7/2019