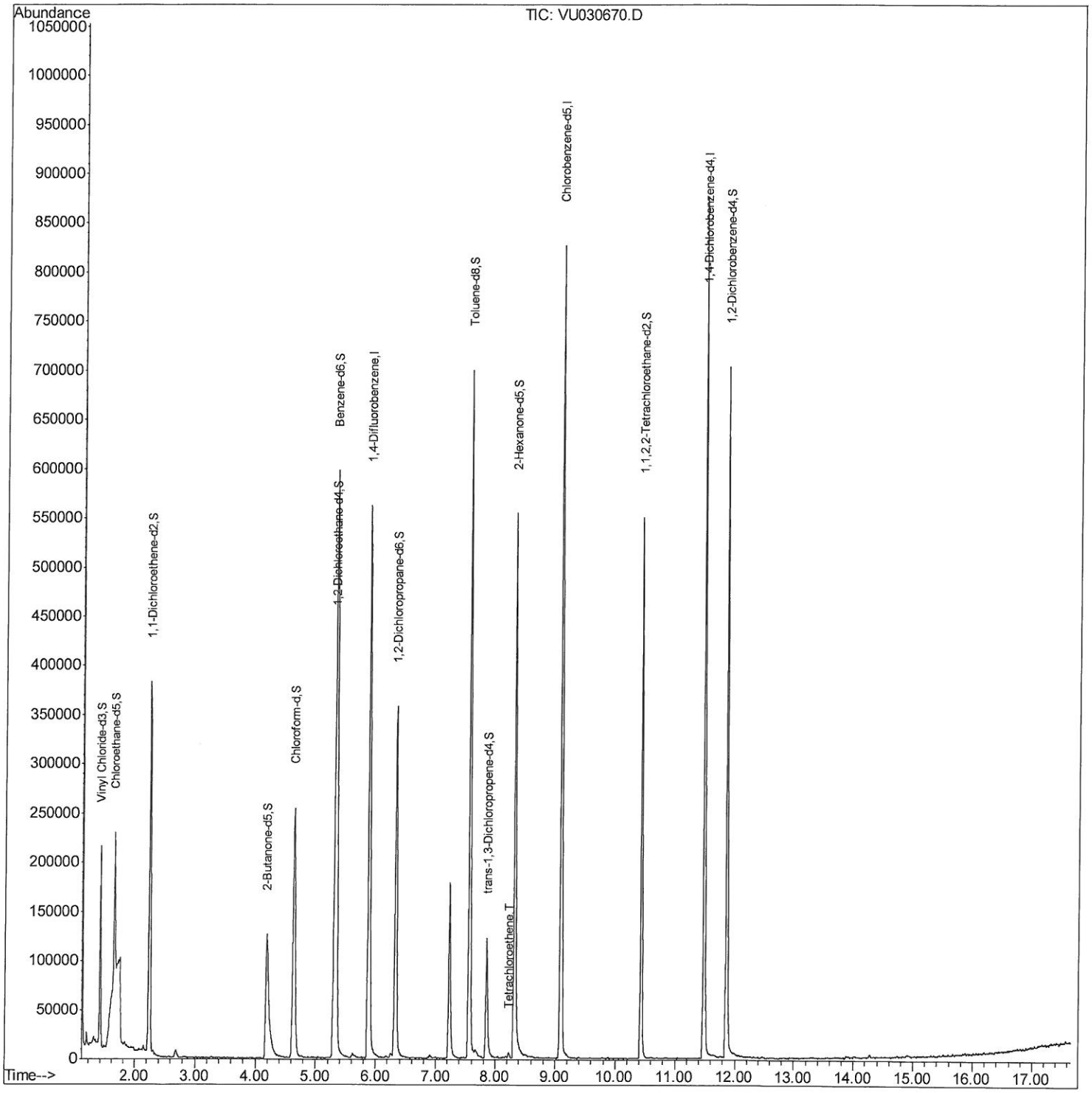
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030670.D
Acq On : 04 Apr 2019 08:25
Operator : JC/SP
Sample : K2246-09
Misc : 5.20g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Apr 04 09:19:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 08:36:56 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF156

Manual Integrations APPROVED
MMDadoda
4/4/2019 11:52:20 AM



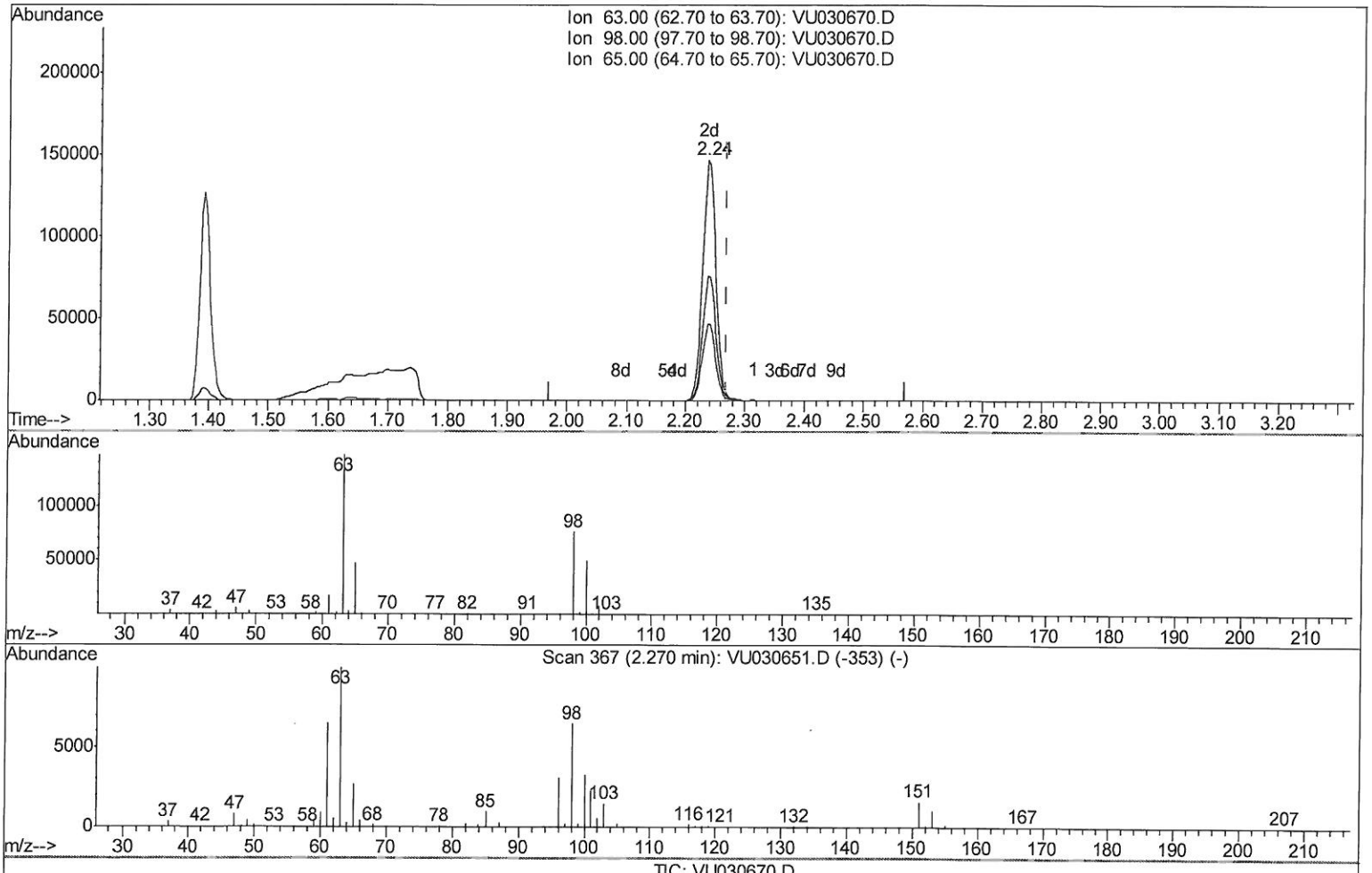
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030670.D
Acq On : 04 Apr 2019 08:25
Operator : JC/SP
Sample : K2246-09
Misc : 5.20g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Apr 04 08:56:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 08:36:56 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF156

Manual Integrations APPROVED
MMDadoda
4/4/2019 11:52:20 AM



TIC: VU030670.D

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

2.315min (+0.045) 0.03ug/L

response 259

Ion	Exp%	Act%
63.00	100	100
98.00	68.80	0.00#
65.00	23.30	37.45#
0.00	0.00	0.00

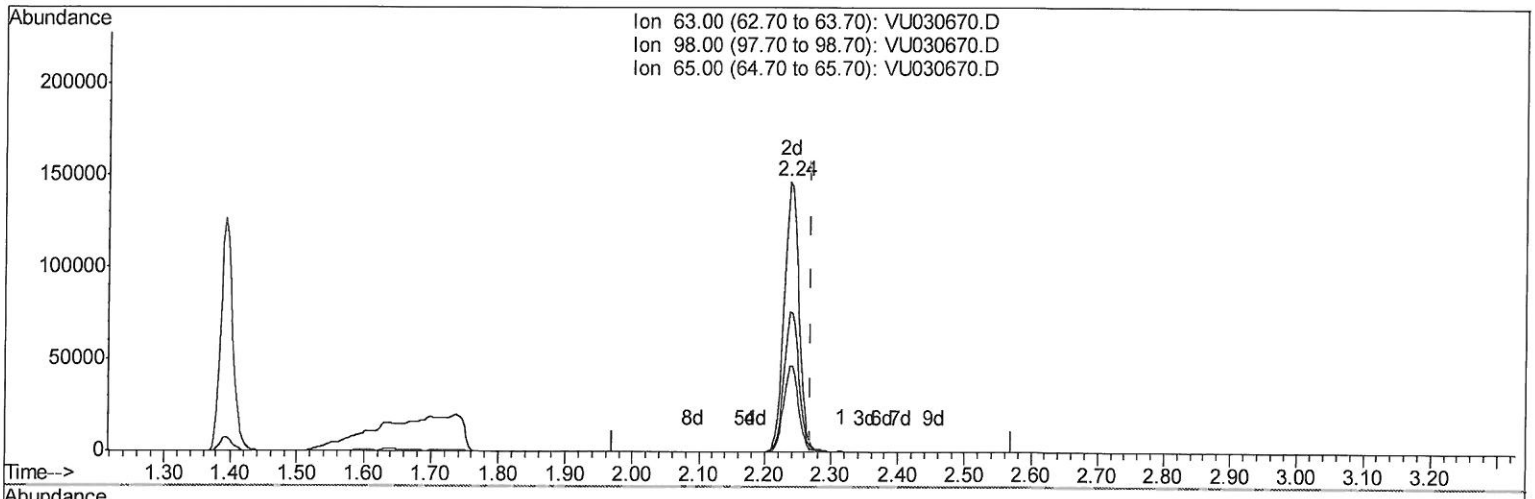
Quantitation Report (Qedit)

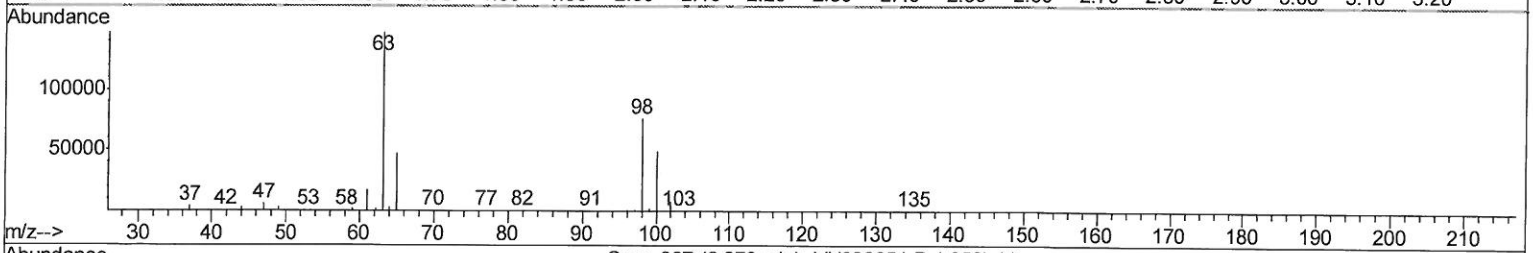
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030670.D
Acq On : 04 Apr 2019 08:25
Operator : JC/SP
Sample : K2246-09
Misc : 5.20g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 48 Sample Multiplier: 1

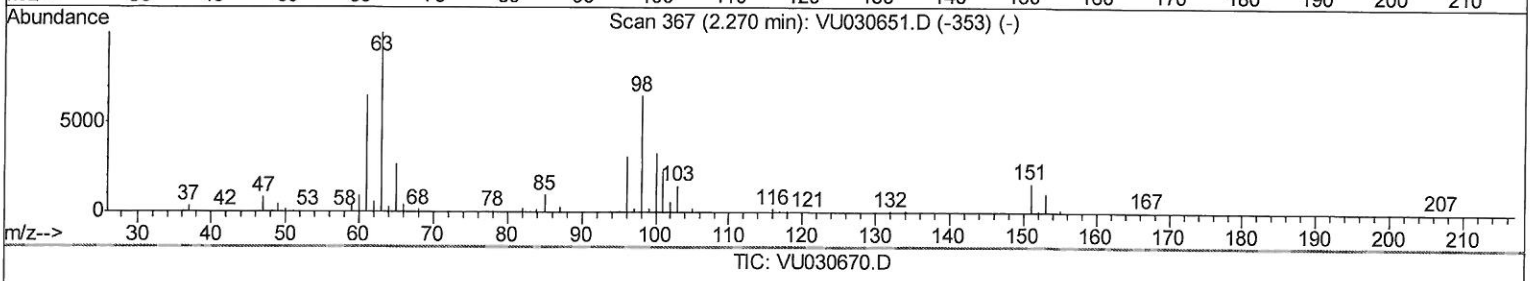
Quant Time: Apr 04 08:56:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 08:36:56 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF156

Manual Integrations APPROVED
MMDadoda
4/4/2019 11:52:20 AM







TIC: VU030670.D

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

2.238min (-0.032) 29.78ug/L m

response 227850

> MD 4/4/19

Ion	Exp%	Act%
63.00	100	100
98.00	68.80	0.00#
65.00	23.30	0.04#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030670.D
Acq On : 04 Apr 2019 08:25
Operator : JC/SP
Sample : K2246-09
Misc : 5.20g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF156

Manual Integrations APPROVED
MMDadoda
4/4/2019 11:52:20 AM

Quant Time: Apr 04 09:19:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 08:36:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	501213	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	483993	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	222791	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	149581	37.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.16%			
7) Chloroethane-d5	1.64	69	104042	32.54	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 65.08%#			
11) 1,1-Dichloroethene-d2	2.24	63	227850m	29.78	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.56%#			
21) 2-Butanone-d5	4.19	46	307024	80.97	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 80.97%			
24) Chloroform-d	4.64	84	273387	39.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.68%			
26) 1,2-Dichloroethane-d4	5.30	65	188905	41.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.08%			
32) Benzene-d6	5.33	84	576489	41.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.08%			
36) 1,2-Dichloropropane-d6	6.32	67	202224	42.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.16%			
41) Toluene-d8	7.56	98	491612	39.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.88%#			
43) trans-1,3-Dichloropropene-	7.85	79	83871	37.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.12%			
47) 2-Hexanone-d5	8.32	63	210142	81.66	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.66%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	288085	42.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.78%			
64) 1,2-Dichlorobenzene-d4	11.86	152	187451	41.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.98%			
Target Compounds						Qvalue
46) Tetrachloroethene	8.23	164	1240	0.438	ug/L #	77

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

JMD 4/9/19