Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\

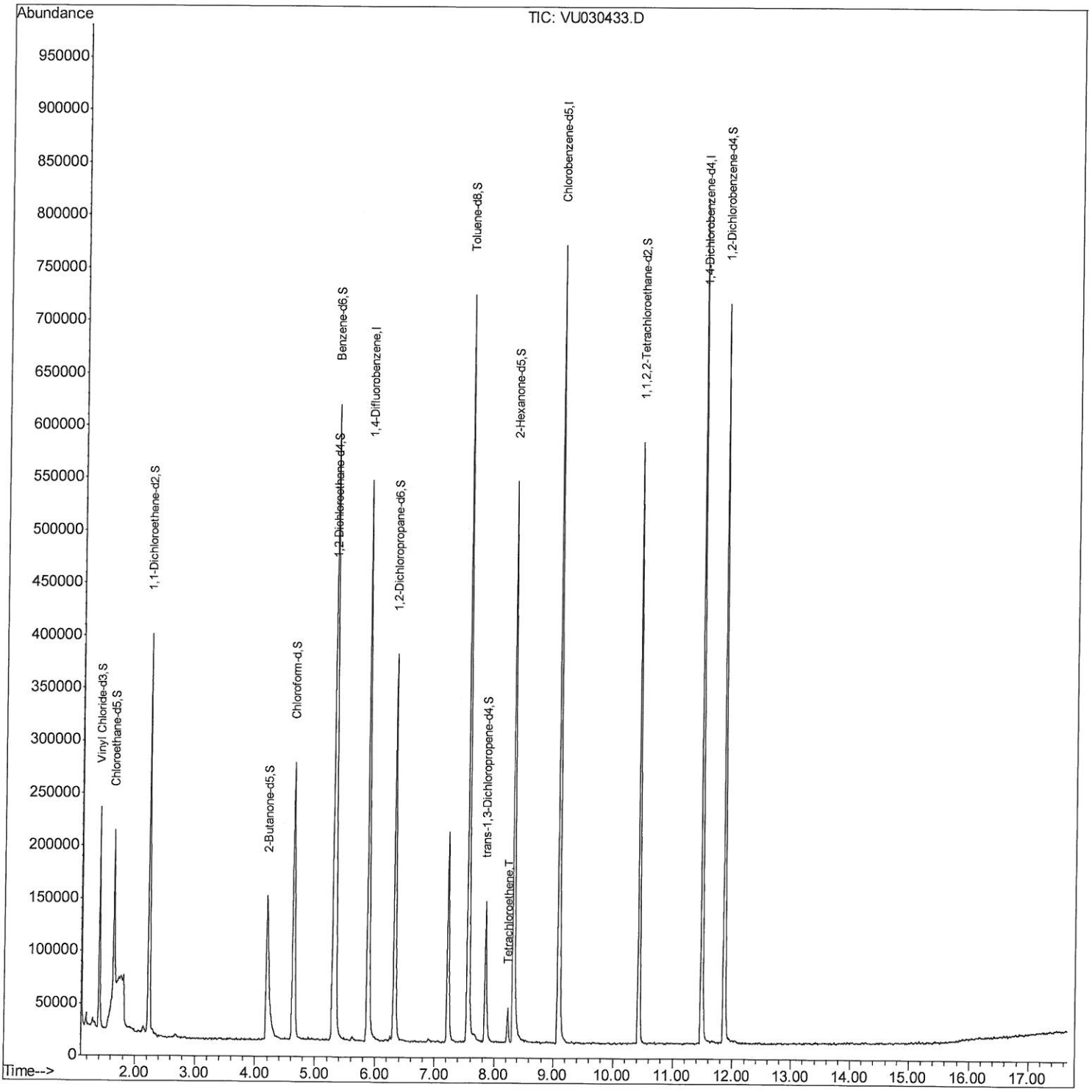
Quantitation Report (QT Reviewed)

Data File : VU030433.D
Acq On : 26 Mar 2019 10:49
Operator : JC/SP
Sample : K2062-17ME
Misc : 4.99g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 27 04:58:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 04:29:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF0H4ME

Manual Integrations APPROVED
MMDadoda
3/27/2019 9:55:20 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\

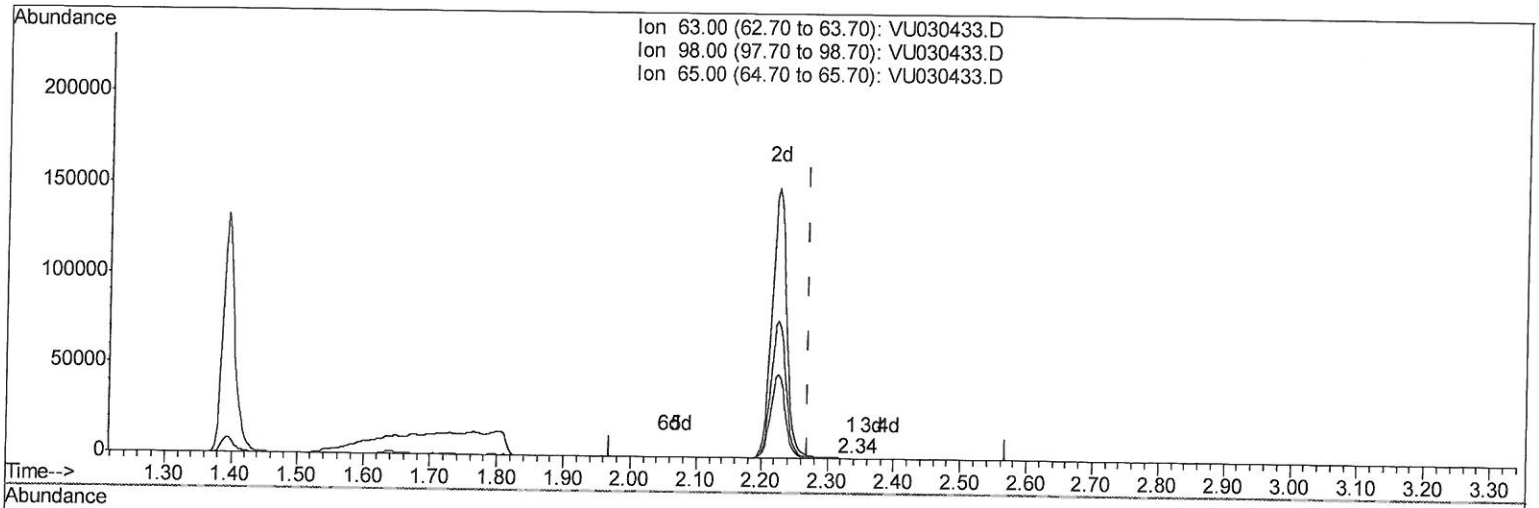
Quantitation Report (Qedit)

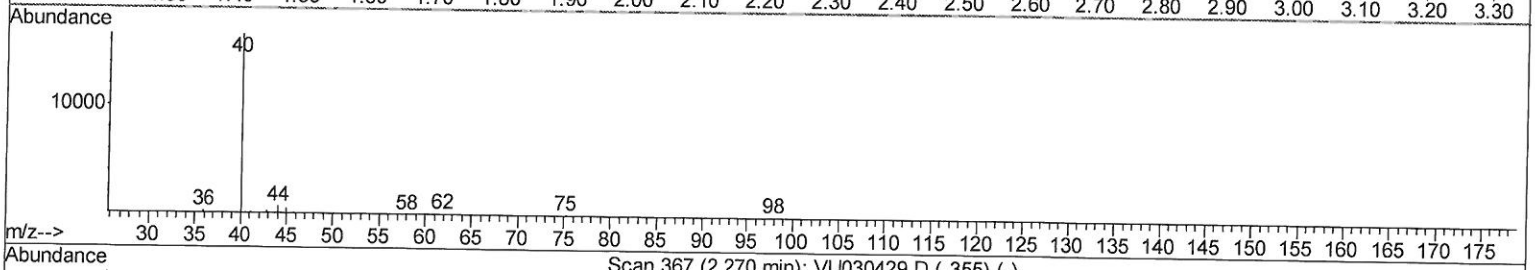
Data File : VU030433.D
Acq On : 26 Mar 2019 10:49
Operator : JC/SP
Sample : K2062-17ME
Misc : 4.99g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

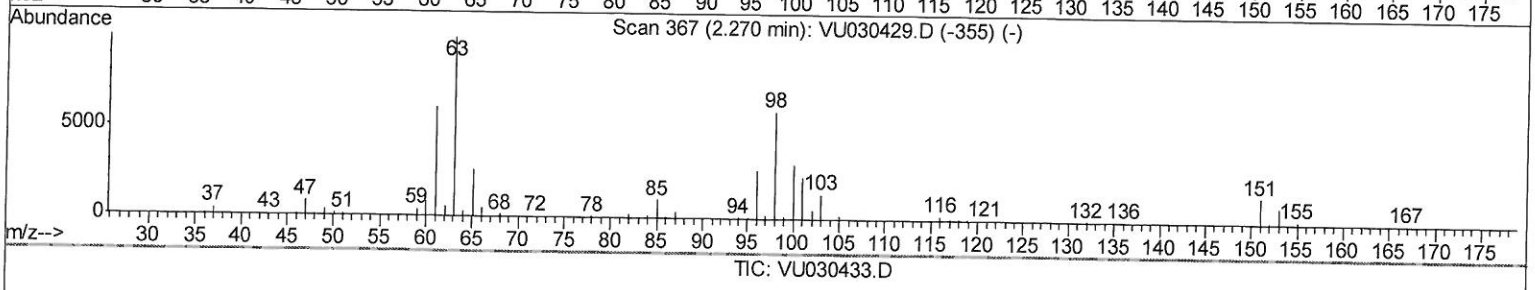
Quant Time: Mar 27 04:33:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 04:29:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF0H4ME

Manual Integrations APPROVED
MMDadoda
3/27/2019 9:55:20 AM







TIC: VU030433.D

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

2.338min (+0.067) 0.00ug/L

response 34

Ion	Exp%	Act%
63.00	100	100
98.00	68.80	1138.24#
65.00	23.30	14.71#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\

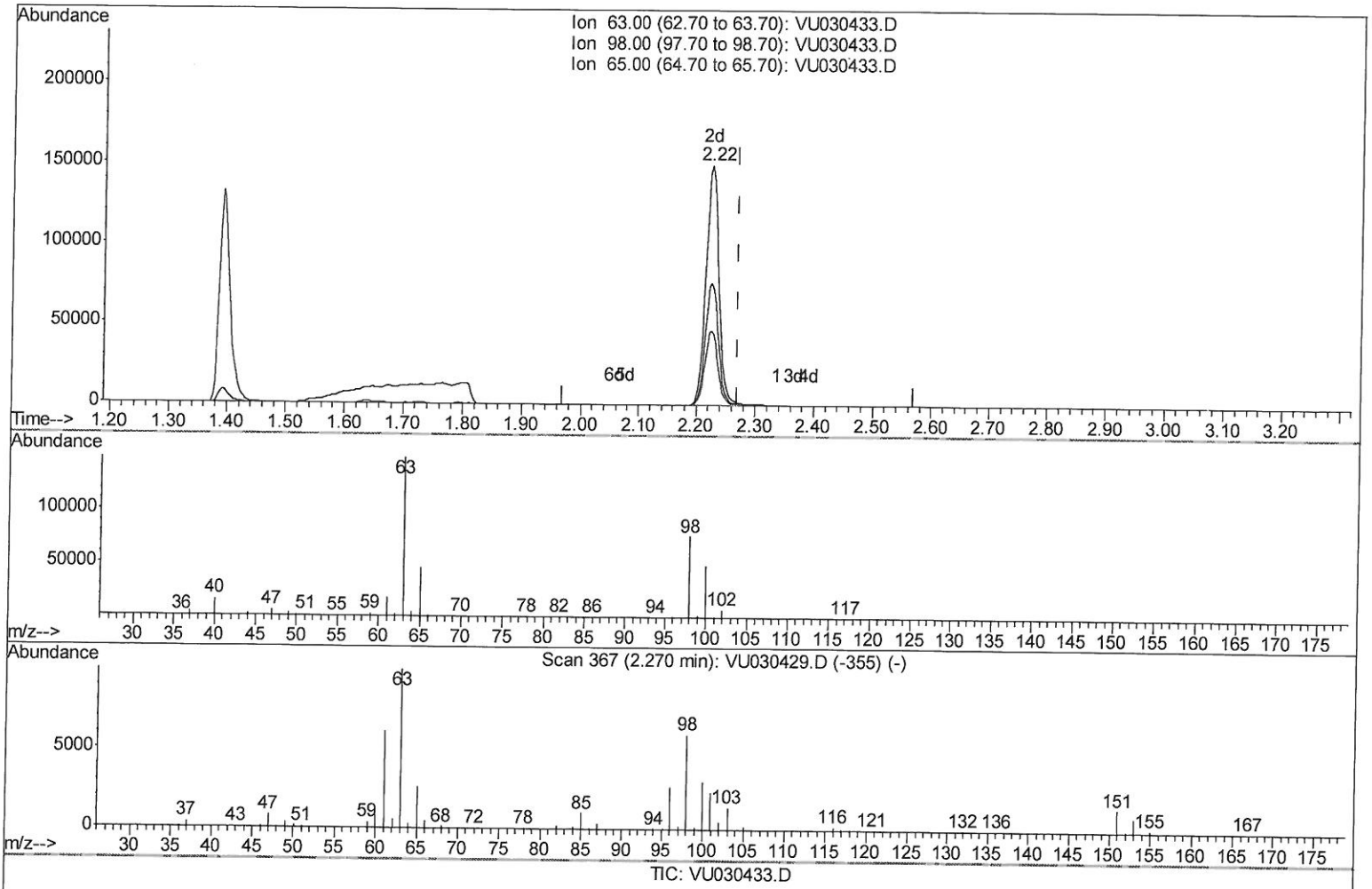
Quantitation Report (Qedit)

Data File : VU030433.D
Acq On : 26 Mar 2019 10:49
Operator : JC/SP
Sample : K2062-17ME
Misc : 4.99g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 27 04:33:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 04:29:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF0H4ME

Manual Integrations APPROVED
MMDadoda
3/27/2019 9:55:20 AM



TIC: VU030433.D

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

2.225min (-0.045) 33.09ug/L m

response 230421

Ion	Exp%	Act%
63.00	100	100
98.00	68.80	0.17#
65.00	23.30	0.00#
0.00	0.00	0.00

SMC 3/27/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\

Quantitation Report (QT Reviewed)

Data File : VU030433.D
Acq On : 26 Mar 2019 10:49
Operator : JC/SP
Sample : K2062-17ME
Misc : 4.99g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0H4ME

Manual Integrations APPROVED
MMDadoda
3/27/2019 9:55:20 AM

Quant Time: Mar 27 04:58:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 04:29:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	456077	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	441981	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	198215	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	162913	44.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.78%			
7) Chloroethane-d5	1.64	69	106972	36.77	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 73.54%			
11) 1,1-Dichloroethene-d2	2.22	63	230421m	33.09	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.18%			
21) 2-Butanone-d5	4.19	46	295342	85.60	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.60%			
24) Chloroform-d	4.64	84	272807	43.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.28%			
26) 1,2-Dichloroethane-d4	5.30	65	186565	45.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.16%			
32) Benzene-d6	5.33	84	565667	44.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.26%			
36) 1,2-Dichloropropane-d6	6.32	67	199105	45.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.82%			
41) Toluene-d8	7.56	98	487969	42.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.74%			
43) trans-1,3-Dichloropropene-	7.85	79	88733	43.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.04%			
47) 2-Hexanone-d5	8.32	63	212867	90.58	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.58%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	292749	47.18	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.36%			
64) 1,2-Dichlorobenzene-d4	11.86	152	182023	45.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.66%			
Target Compounds						Qvalue
46) Tetrachloroethene	8.22	164	8238	3.189	ug/L	93

MS 3/27/19

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