Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042919\

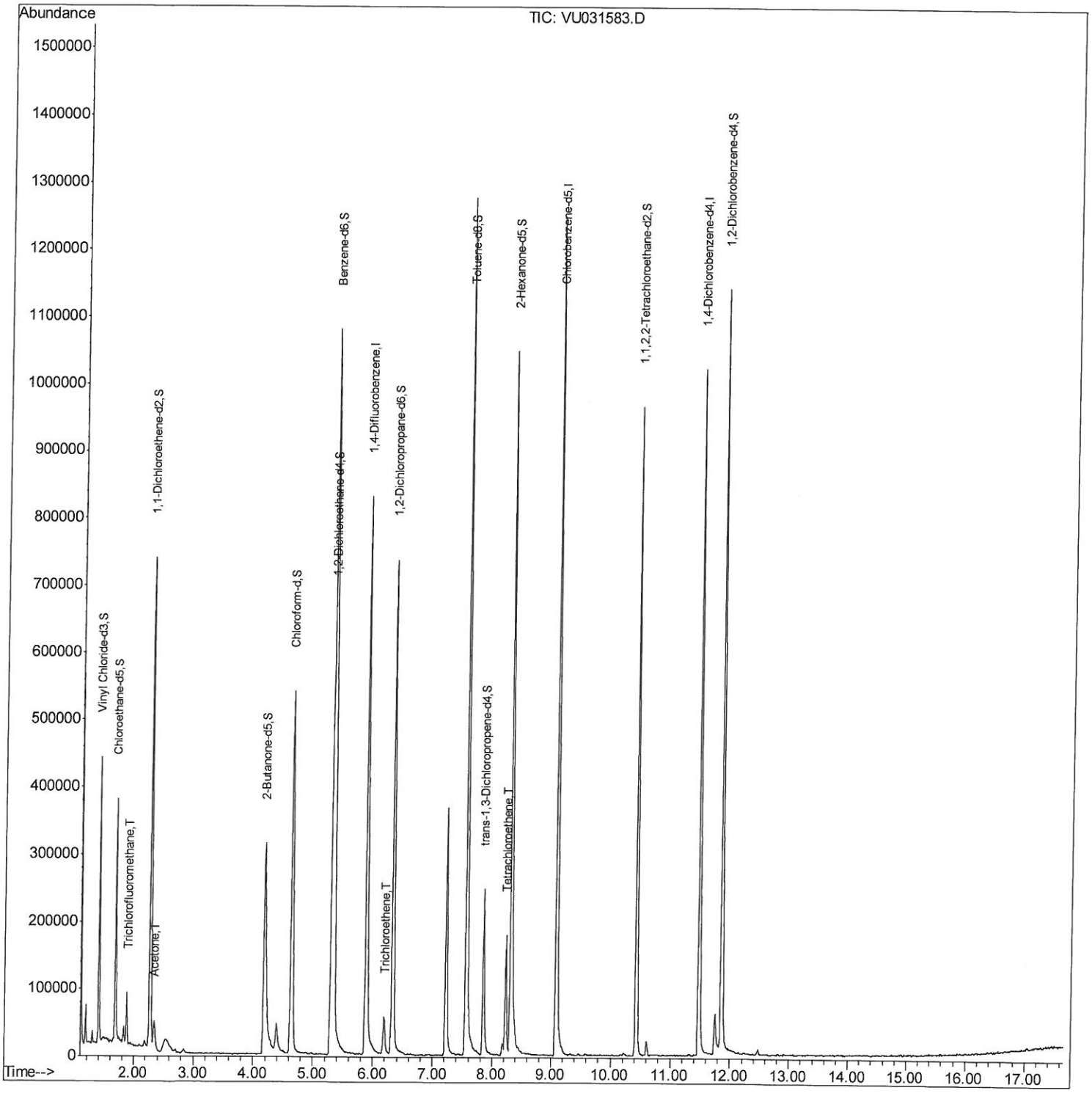
Quantitation Report (QT Reviewed)

Data File : VU031583.D
Acq On : 29 Apr 2019 13:59
Operator : JC/SP
Sample : K2592-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 30 03:06:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 01:54:25 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0XG7

Manual Integrations APPROVED
MMDadoda
4/30/2019 12:07:08 PM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042919\

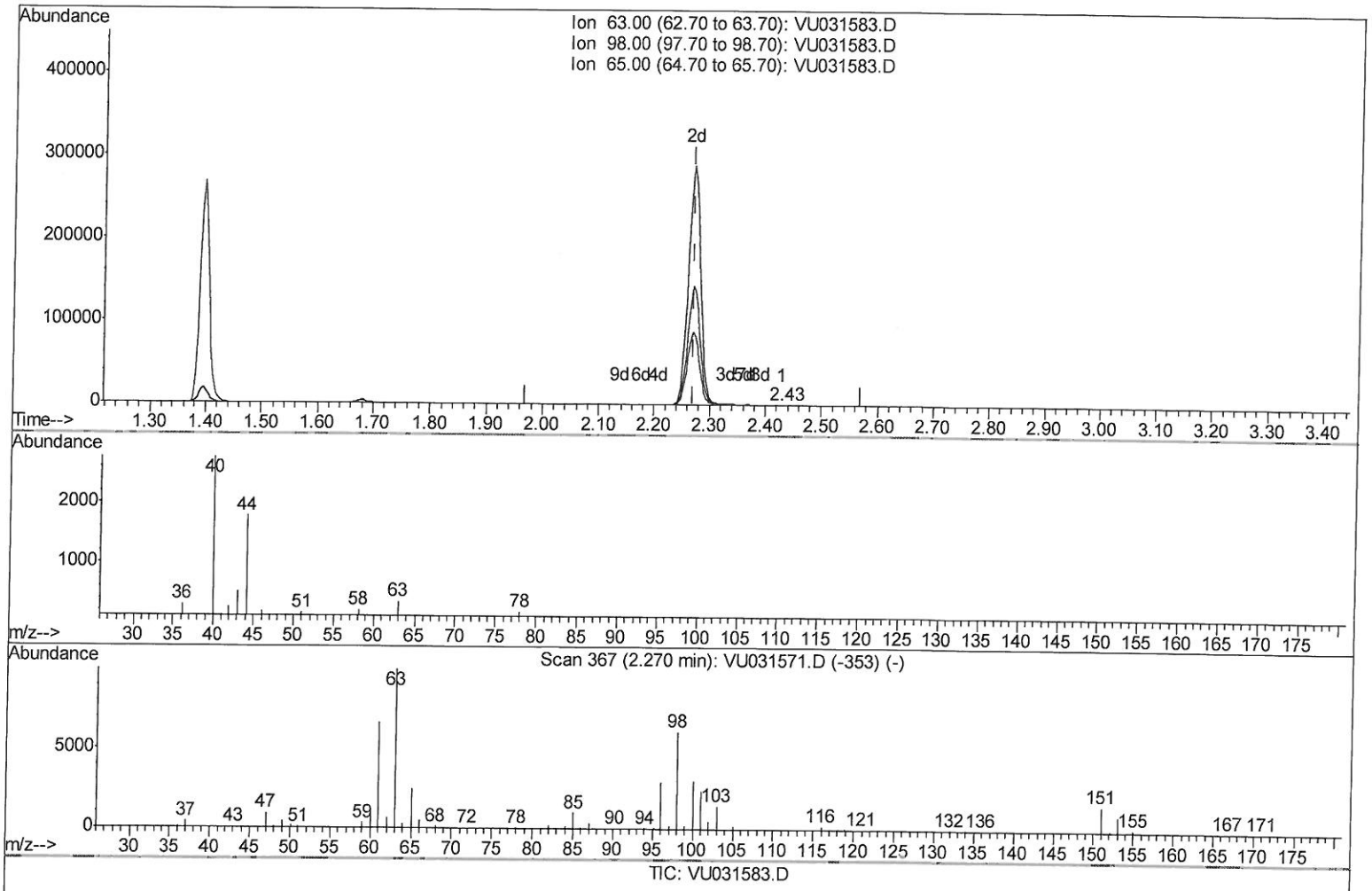
Quantitation Report (Qedit)

Data File : VU031583.D
Acq On : 29 Apr 2019 13:59
Operator : JC/SP
Sample : K2592-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 30 01:58:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 01:54:25 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0XG7

Manual Integrations APPROVED
MMDadoda
4/30/2019 12:07:08 PM



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

2.431min (+0.161) 0.02ug/L

response 173

Ion	Exp%	Act%
63.00	100	100
98.00	66.60	68.21
65.00	23.40	24.86
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042919\

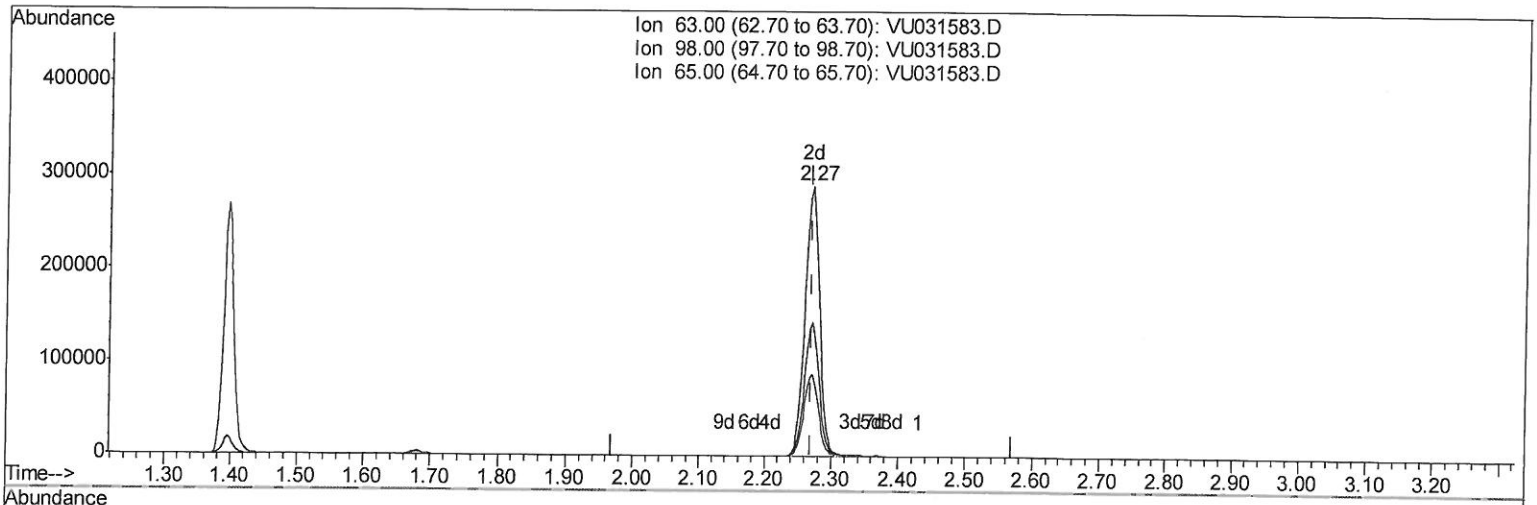
Quantitation Report (Qedit)

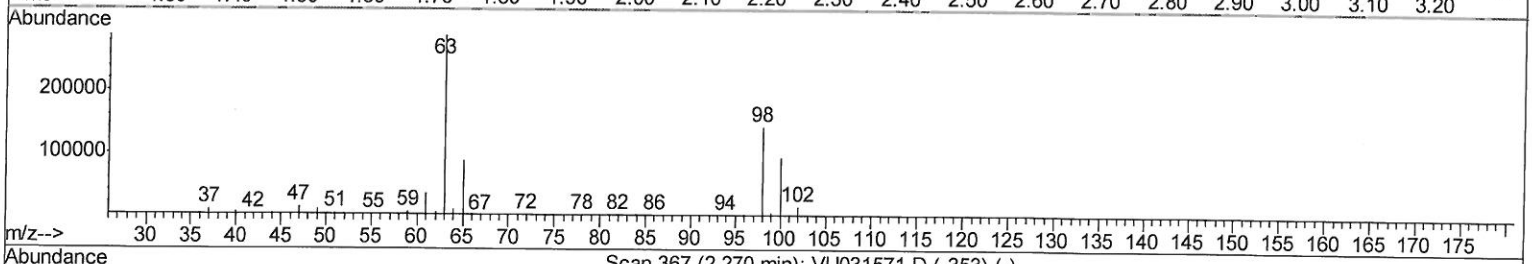
Data File : VU031583.D
Acq On : 29 Apr 2019 13:59
Operator : JC/SP
Sample : K2592-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

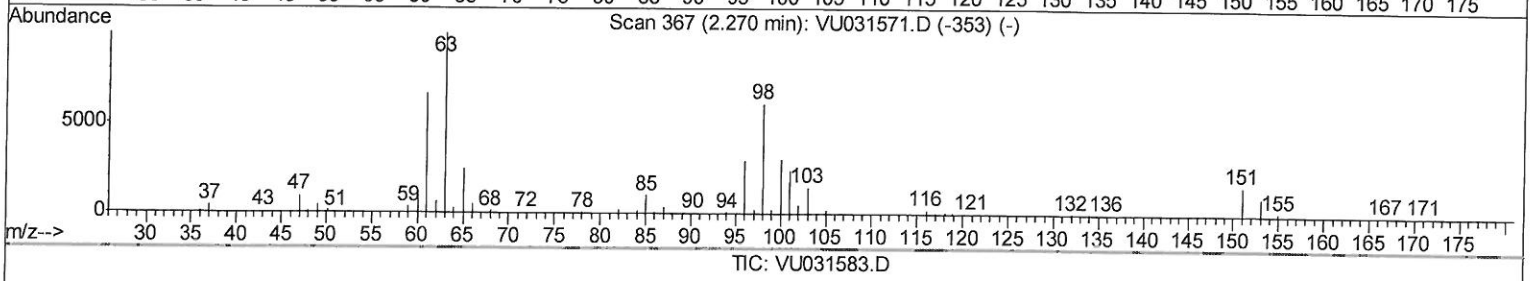
Quant Time: Apr 30 01:58:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 01:54:25 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0XG7

Manual Integrations APPROVED
MMDadoda
4/30/2019 12:07:08 PM







TIC: VU031583.D

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

2.270min (-0.000) 38.87ug/L m

response 438528

Ion	Exp%	Act%
63.00	100	100
98.00	66.60	0.03#
65.00	23.40	0.01#
0.00	0.00	0.00

MD
5/2/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042919\

Quantitation Report (QT Reviewed)

Data File : VU031583.D
Acq On : 29 Apr 2019 13:59
Operator : JC/SP
Sample : K2592-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 30 03:06:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 01:54:25 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : C0XG7

Manual Integrations APPROVED
MMDadoda
4/30/2019 12:07:08 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	676963	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	663244	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	253339	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	286767	50.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.22%			
7) Chloroethane-d5	1.68	69	233431	53.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.64%			
11) 1,1-Dichloroethene-d2	2.27	63	438528m	38.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.74%			
21) 2-Butanone-d5	4.18	46	607093	118.26	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 118.26%			
24) Chloroform-d	4.64	84	537175	51.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.54%			
26) 1,2-Dichloroethane-d4	5.31	65	372931	55.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.02%			
32) Benzene-d6	5.34	84	1042236	51.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.34%			
36) 1,2-Dichloropropane-d6	6.32	67	378712	52.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.70%			
41) Toluene-d8	7.56	98	878077	49.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.00%			
43) trans-1,3-Dichloropropene-	7.85	79	153837	50.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.02%			
47) 2-Hexanone-d5	8.31	63	348328	112.31	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.31%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	493003	51.27	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.54%			
64) 1,2-Dichlorobenzene-d4	11.86	152	287156	53.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.80%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	39799	4.146	ug/L	98
13) Acetone	2.34	43	54768	9.472	ug/L	94
34) Trichloroethene	6.19	95	19525	3.303	ug/L	89
46) Tetrachloroethene	8.22	164	39954	9.915	ug/L	93

MD 5/2/19

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