Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\

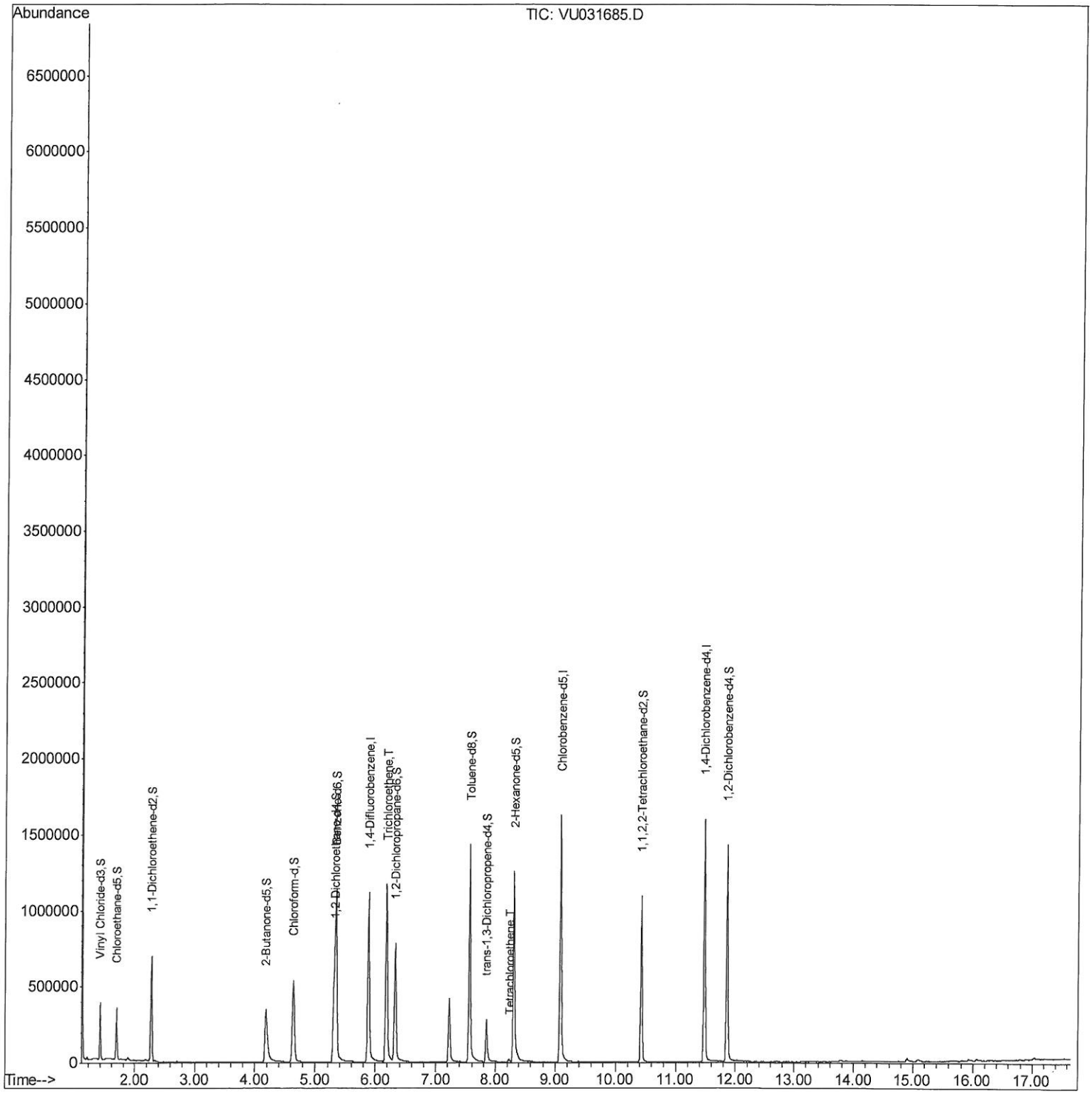
Quantitation Report (QT Reviewed)

Data File : VU031685.D
Acq On : 01 May 2019 15:29
Operator : JC/SP
Sample : K2593-19DL 5000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 02 05:03:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0XG5DL

Manual Integrations APPROVED
MMDadoda
5/2/2019 9:29:57 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\

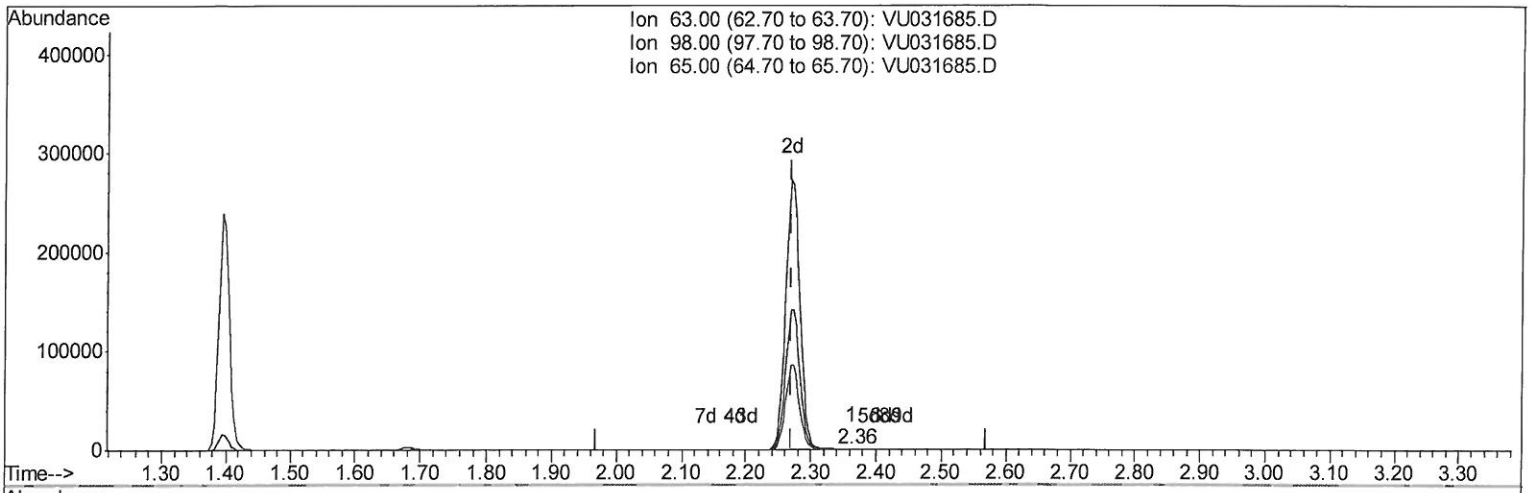
Quantitation Report (Qedit)

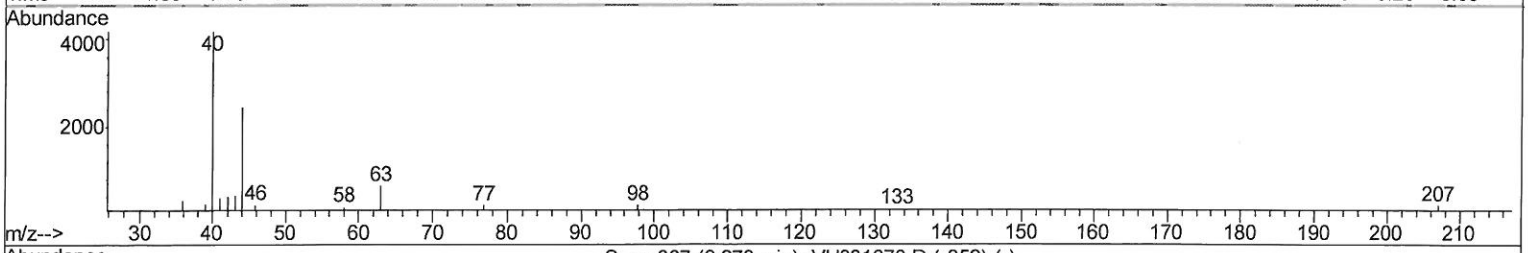
Data File : VU031685.D
Acq On : 01 May 2019 15:29
Operator : JC/SP
Sample : K2593-19DL 5000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

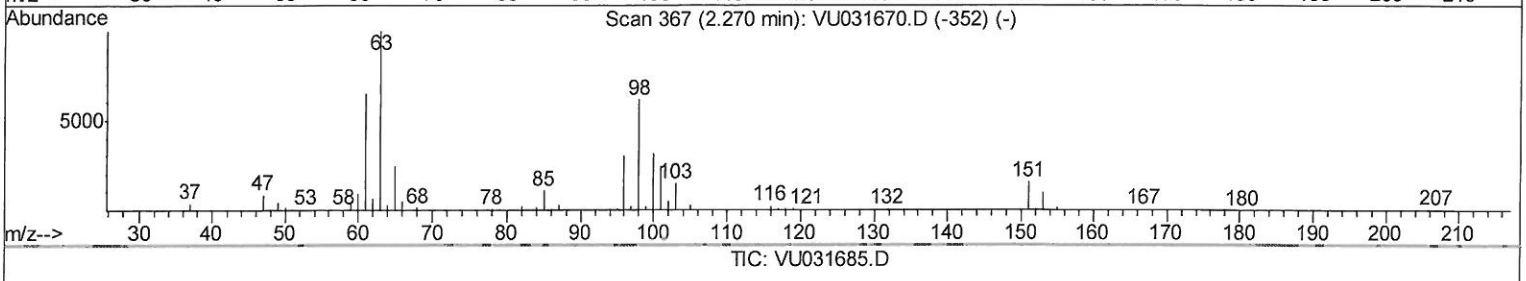
Quant Time: May 02 02:27:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0XG5DL

Manual Integrations APPROVED
MMDadoda
5/2/2019 9:29:57 AM







TIC: VU031685.D

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

2.363min (+0.093) 0.03ug/L

response 392

Ion	Exp%	Act%
63.00	100	100
98.00	66.60	56.38
65.00	23.40	25.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\

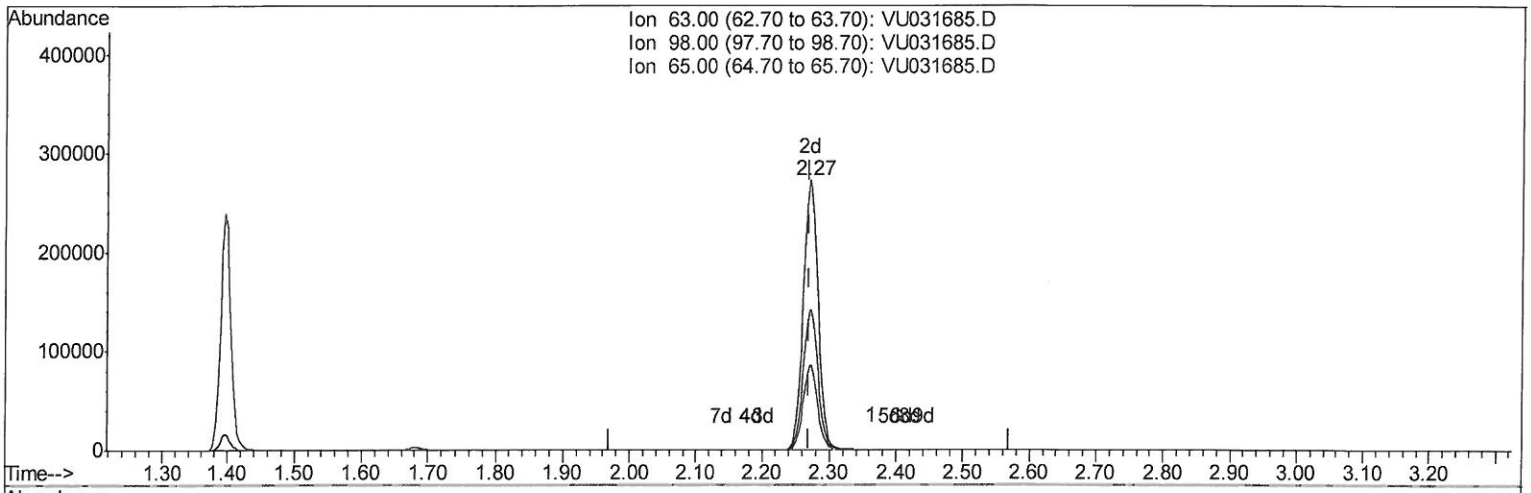
Quantitation Report (Qedit)

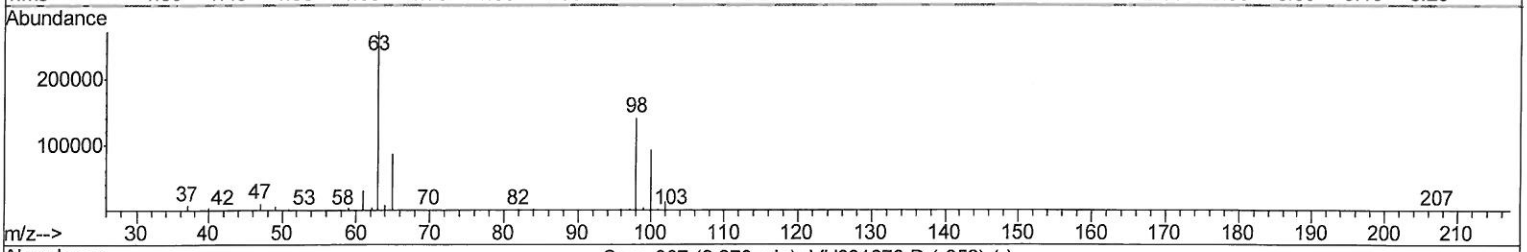
Data File : VU031685.D
Acq On : 01 May 2019 15:29
Operator : JC/SP
Sample : K2593-19DL 5000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

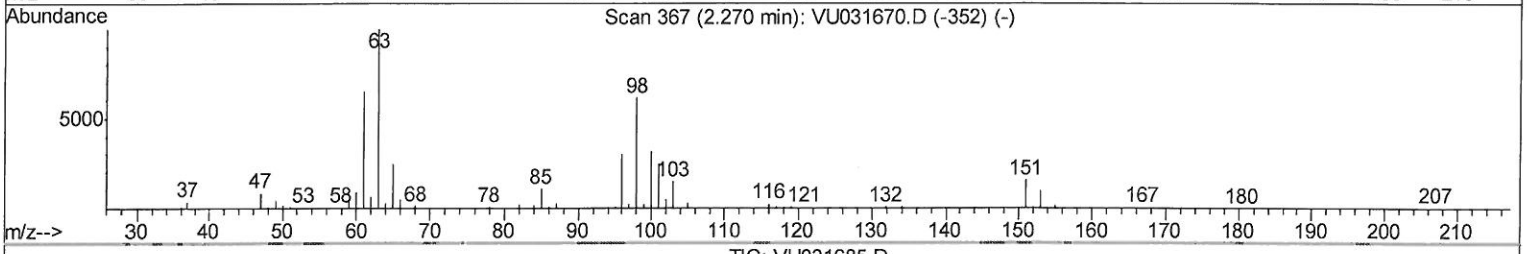
Quant Time: May 02 02:27:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0XG5DL

Manual Integrations APPROVED
MMDadoda
5/2/2019 9:29:57 AM







TIC: VU031685.D

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

2.270min (+0.000) 27.29ug/L m

response 420060

Ion	Exp%	Act%
63.00	100	100
98.00	66.60	0.05#
65.00	23.40	0.02#
0.00	0.00	0.00

> MD 5/2/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\

Quantitation Report (QT Reviewed)

Data File : VU031685.D
Acq On : 01 May 2019 15:29
Operator : JC/SP
Sample : K2593-19DL 5000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XG5DL

Manual Integrations APPROVED
MMDadoda
5/2/2019 9:29:57 AM

Quant Time: May 02 05:03:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	923674	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	895795	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	400846	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	256126	33.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 66.26%			
7) Chloroethane-d5	1.68	69	233181	39.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 78.06%			
11) 1,1-Dichloroethene-d2	2.27	63	420060m	27.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 54.58%#			
21) 2-Butanone-d5	4.19	46	681939	97.36	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.36%			
24) Chloroform-d	4.65	84	538712	38.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.10%			
26) 1,2-Dichloroethane-d4	5.31	65	368186	39.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.62%			
32) Benzene-d6	5.34	84	1126573	40.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.92%			
36) 1,2-Dichloropropane-d6	6.32	67	409594	42.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.64%			
41) Toluene-d8	7.56	98	994220	41.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.00%			
43) trans-1,3-Dichloropropene-	7.85	79	172847	41.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.22%			
47) 2-Hexanone-d5	8.31	63	441575	105.42	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.42%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	568649	43.78	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.56%			
64) 1,2-Dichlorobenzene-d4	11.86	152	372401	44.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.36%			
Target Compounds						Qvalue
34) Trichloroethene	6.18	95	436933	54.730	ug/L	98
46) Tetrachloroethene	8.23	164	5264	0.967	ug/L	93

MMD 5/2/19

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