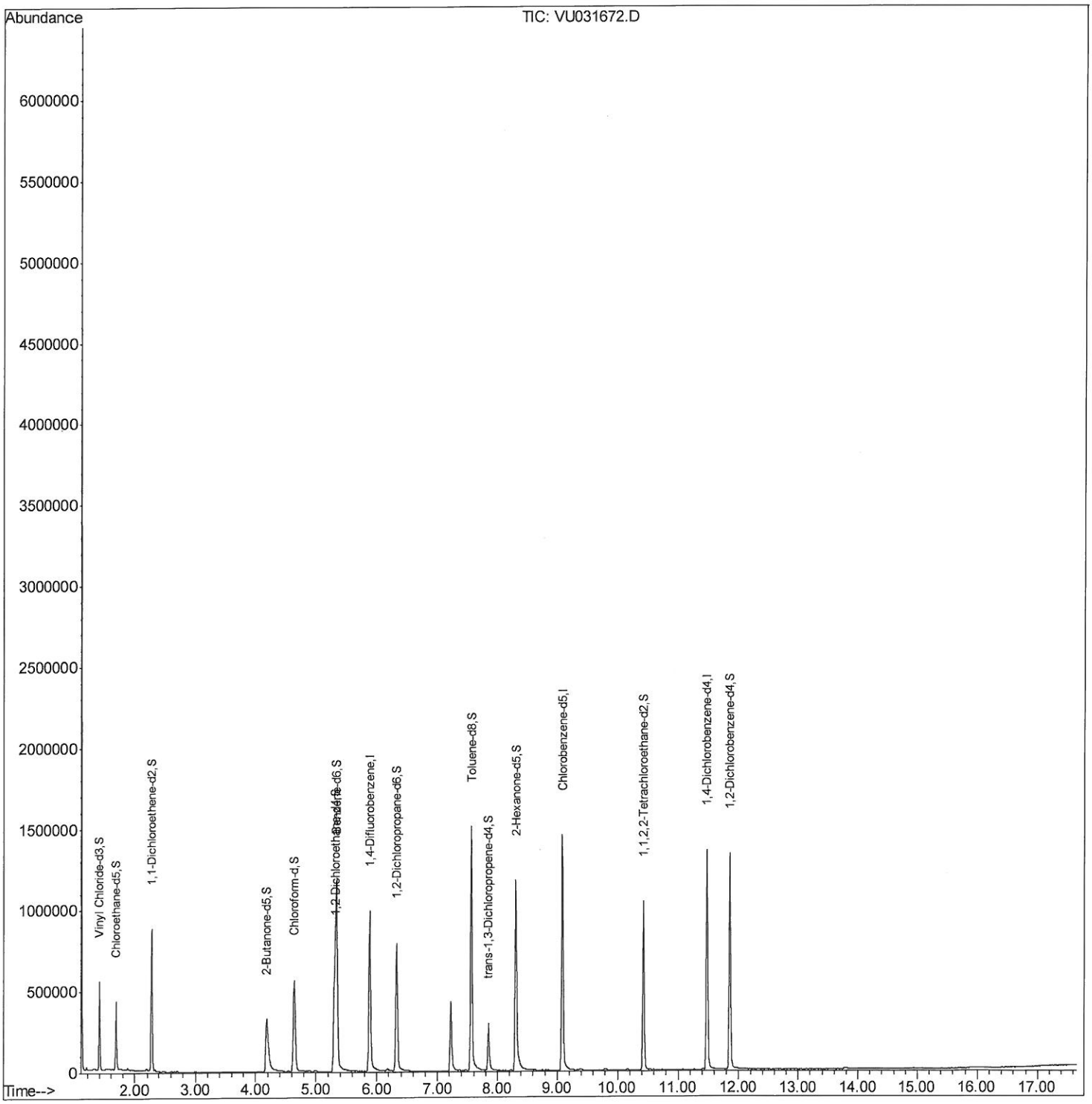
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Quantitation Report (QT Reviewed)

Data File : VU031672.D
Acq On : 01 May 2019 10:27
Operator : JC/SP
Sample : VU0501WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 02 02:37:32 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 :
VBLK52

Manual Integrations APPROVED
MMDadoda
5/2/2019 9:29:40 AM



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

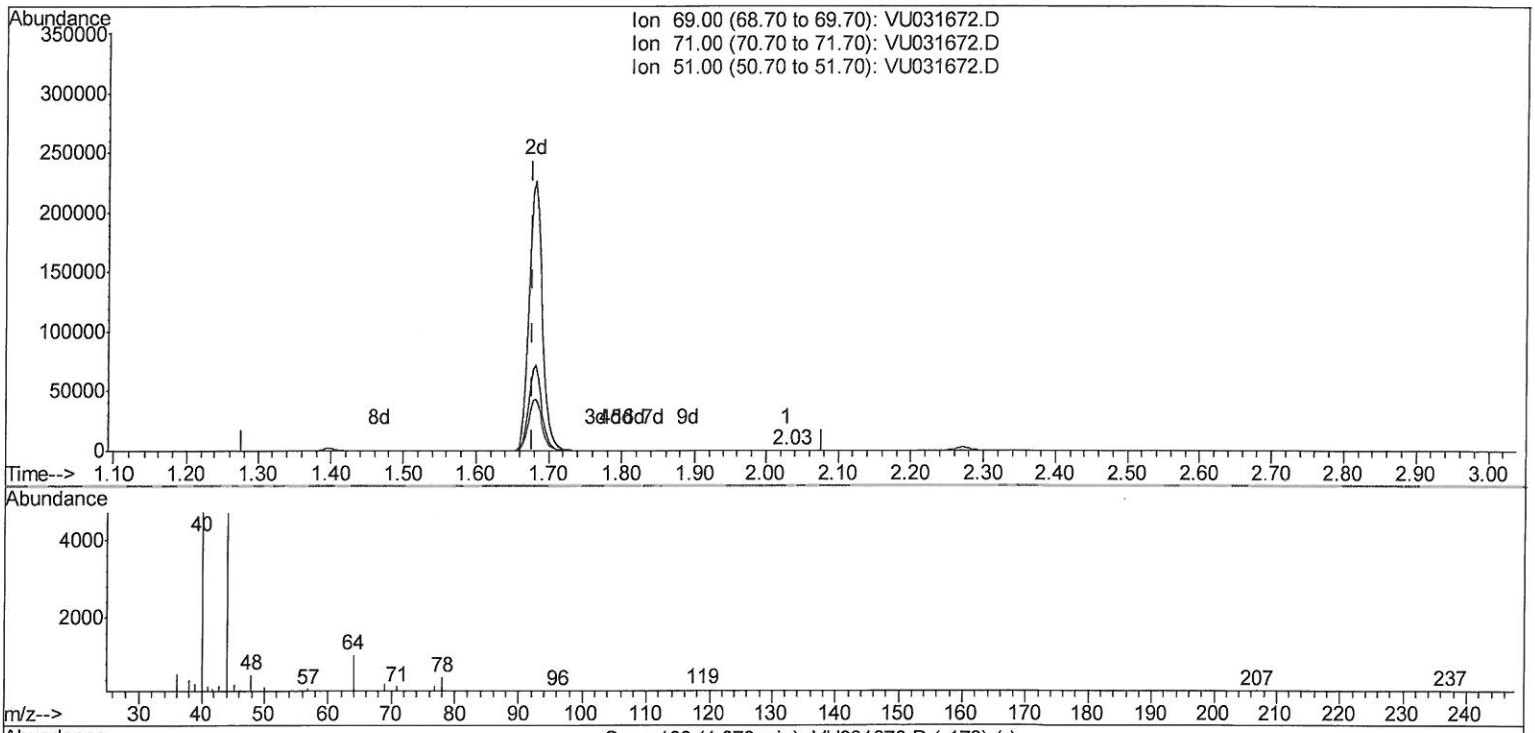
Quantitation Report (Qedit)

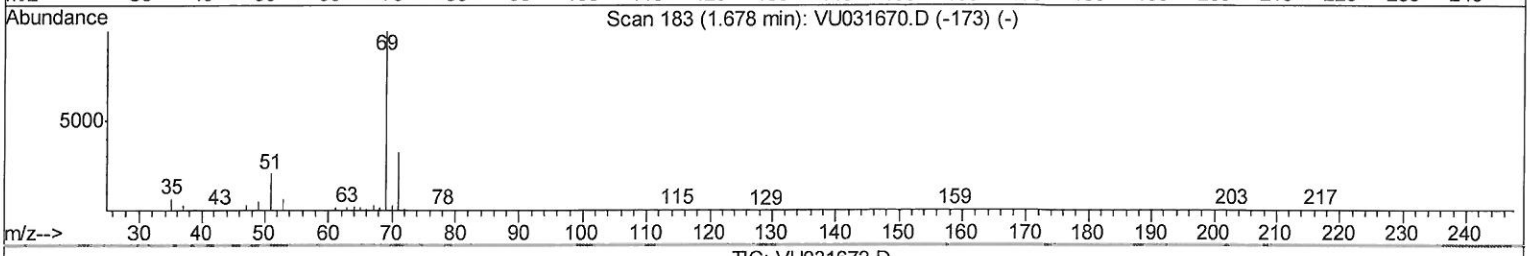
Data File : VU031672.D
Acq On : 01 May 2019 10:27
Operator : JC/SP
Sample : VU0501WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 02 02:26:15 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 :
VBLK52

Manual Integrations APPROVED
MMDadoda
5/2/2019 9:29:40 AM





TIC: VU031672.D

(7) Chloroethane-d5 (S)

2.029min (+0.350) 0.05ug/L

response 270

Ion	Exp%	Act%
69.00	100	100
71.00	32.30	39.63
51.00	29.10	35.93
0.00	0.00	0.00

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

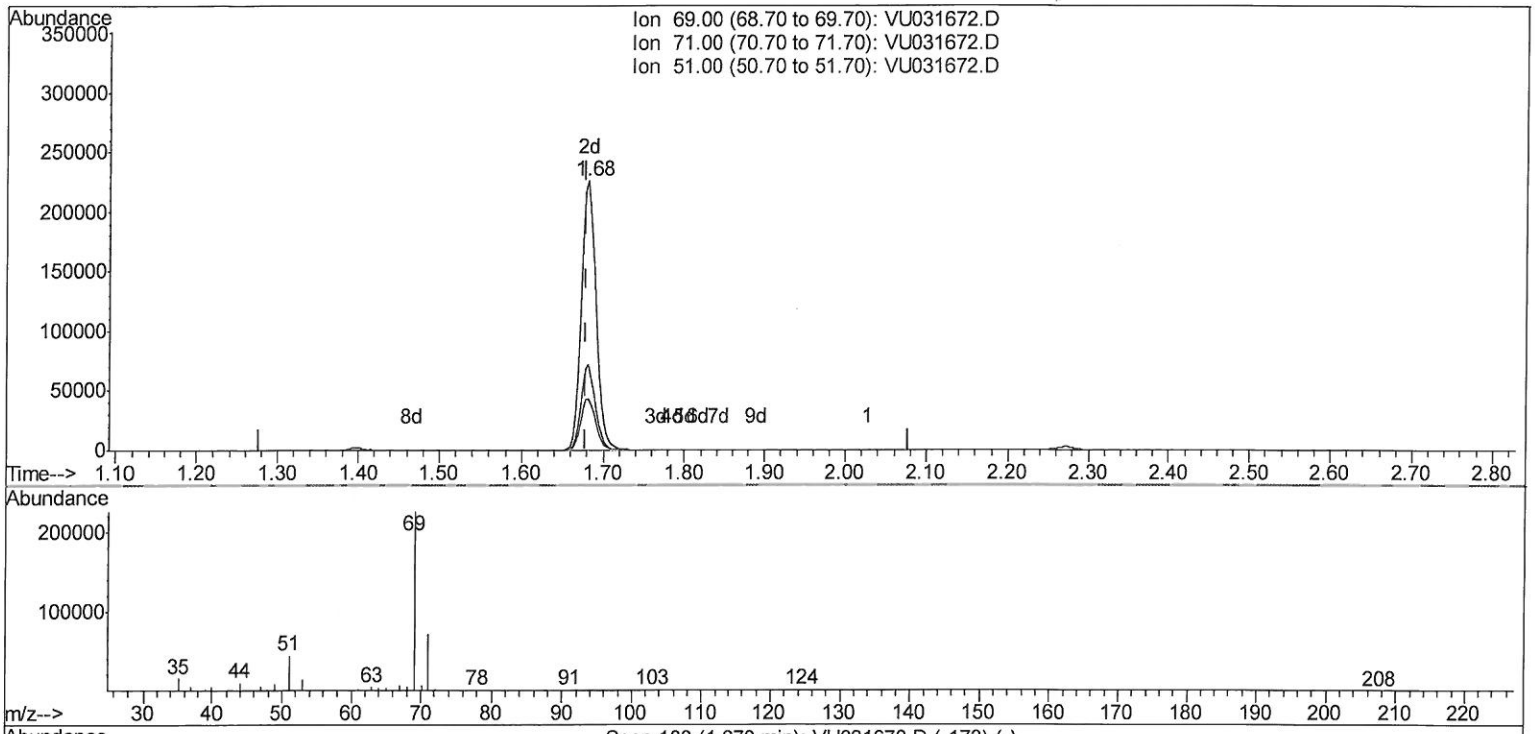
Quantitation Report (Qedit)

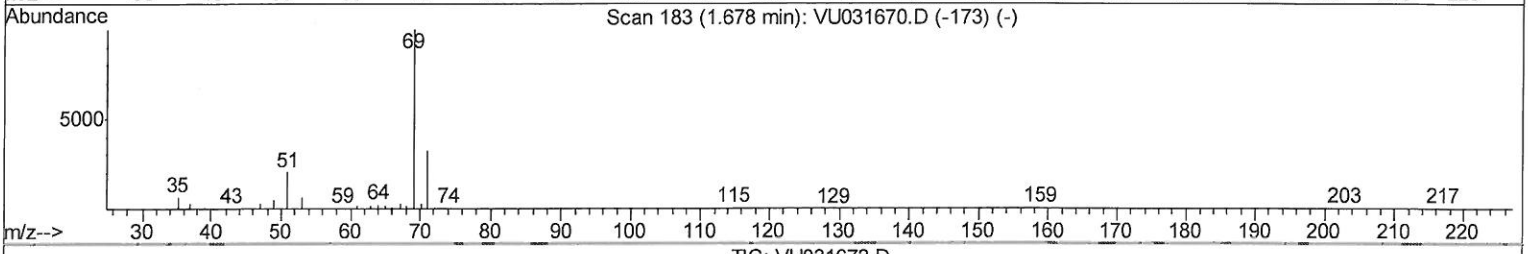
Data File : VU031672.D
Acq On : 01 May 2019 10:27
Operator : JC/SP
Sample : VU0501WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 02 02:26:15 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 :
VBLK52

Manual Integrations APPROVED
MMDadoda
5/2/2019 9:29:40 AM





TIC: VU031672.D

(7) Chloroethane-d5 (S)

1.682min (+0.003) 53.02ug/L m

response 284130

Ion	Exp%	Act%
69.00	100	100
71.00	32.30	0.04#
51.00	29.10	0.03#
0.00	0.00	0.00

> MD 5/2/19

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

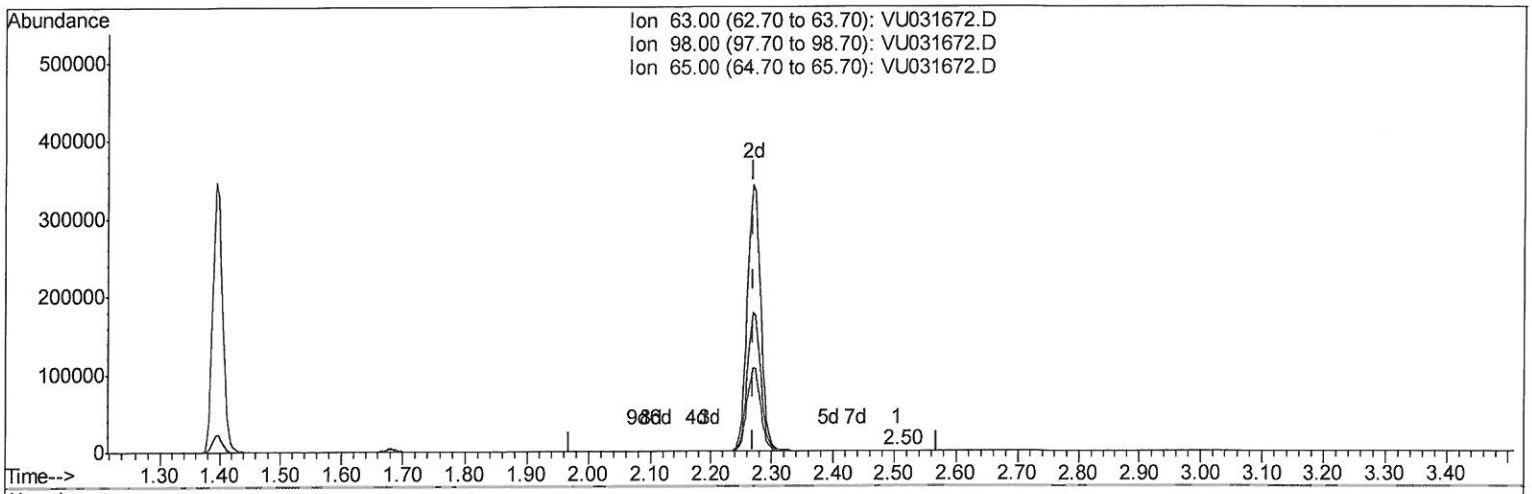
Quantitation Report (Qedit)

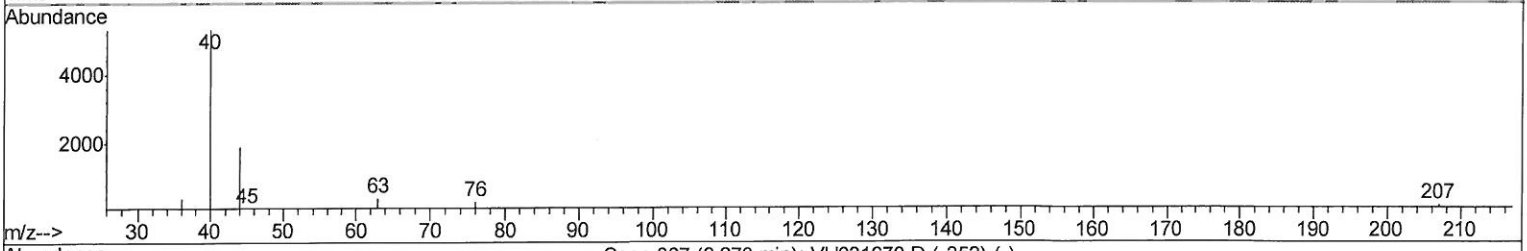
Data File : VU031672.D
Acq On : 01 May 2019 10:27
Operator : JC/SP
Sample : VU0501WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

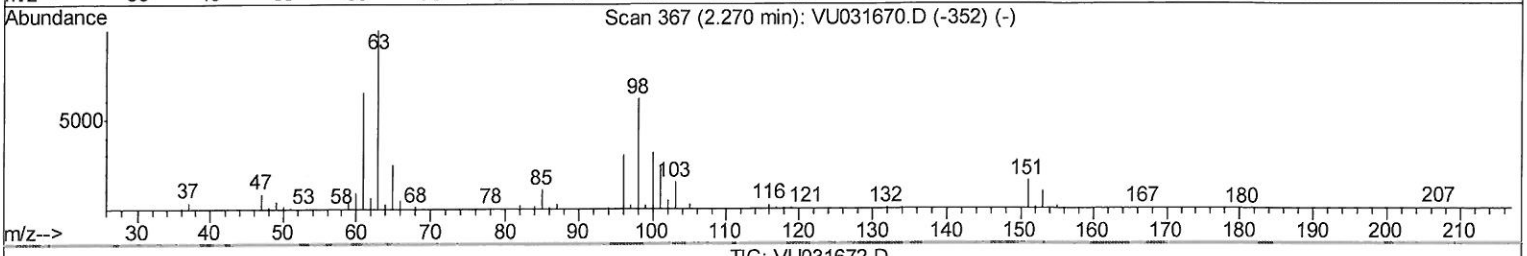
Quant Time: May 02 02:26:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VBLK52

Manual Integrations APPROVED
MMDadoda
5/2/2019 9:29:40 AM







TIC: VU031672.D

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

2.505min (+0.235) 0.02ug/L

response 270

Ion	Exp%	Act%
63.00	100	100
98.00	66.60	67.04
65.00	23.40	29.26
0.00	0.00	0.00

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

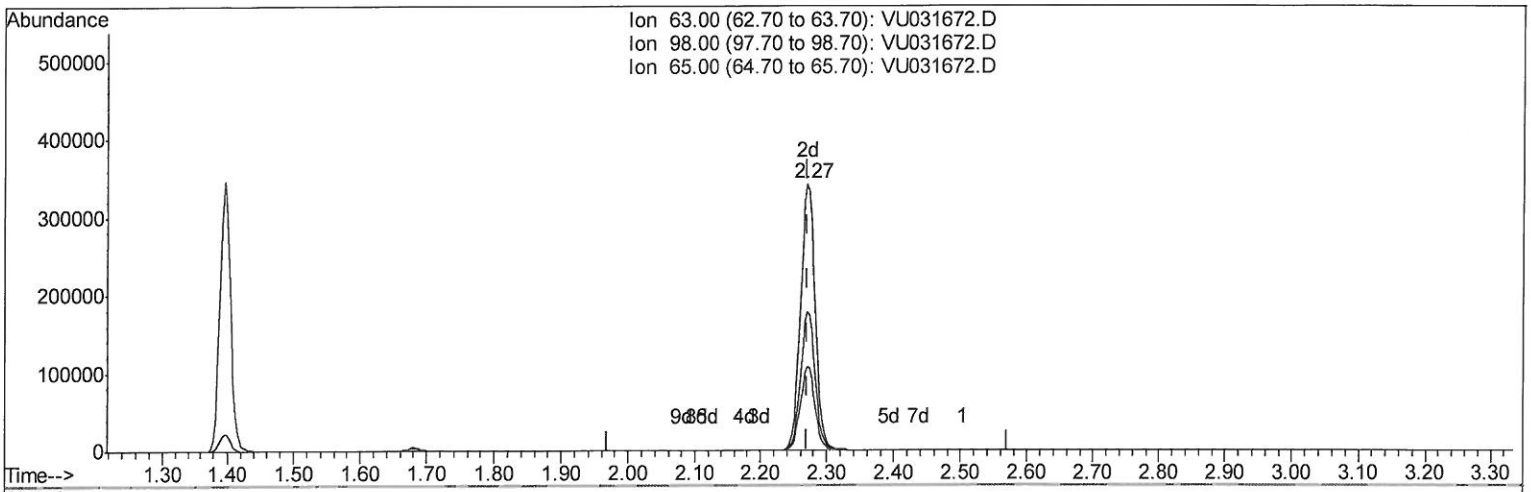
Quantitation Report (Qedit)

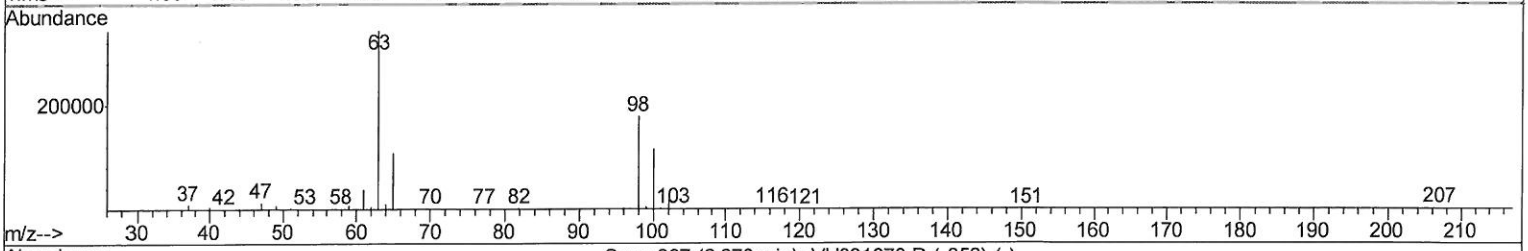
Data File : VU031672.D
Acq On : 01 May 2019 10:27
Operator : JC/SP
Sample : VU0501WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

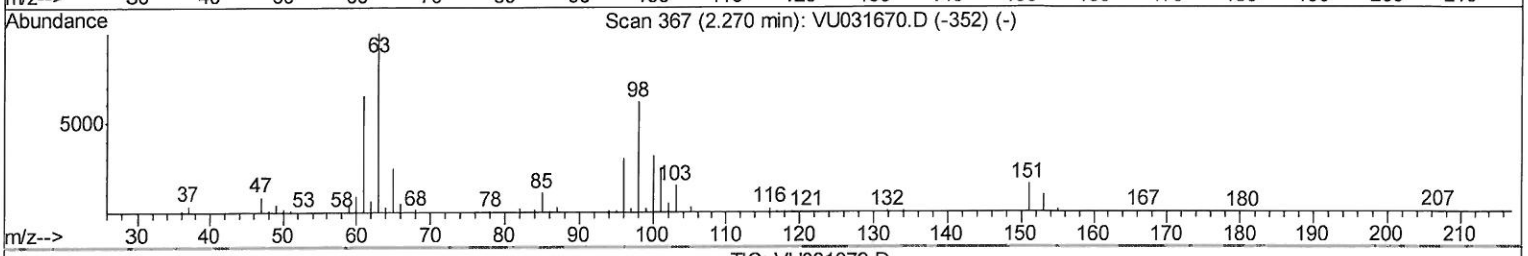
Quant Time: May 02 02:26:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VBLK52

Manual Integrations APPROVED
MMDadoda
5/2/2019 9:29:40 AM







TIC: VU031672.D

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

2.270min (-0.000) 37.91ug/L m

response 523515

Ion	Exp%	Act%
63.00	100	100
98.00	66.60	0.03#
65.00	23.40	0.02#
0.00	0.00	0.00

JMD 5/2/19

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

Quantitation Report (QT Reviewed)

Data File : VU031672.D
Acq On : 01 May 2019 10:27
Operator : JC/SP
Sample : VU0501WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK52

Manual Integrations APPROVED
MMDadoda
5/2/2019 9:29:40 AM

Quant Time: May 02 02:37:32 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	828526	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	796921	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	340119	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	372064	53.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.32%			
7) Chloroethane-d5	1.68	69	284130m	53.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.04%			
11) 1,1-Dichloroethene-d2	2.27	63	523515m	37.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.82%			
21) 2-Butanone-d5	4.19	46	666731	106.12	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.12%			
24) Chloroform-d	4.64	84	569229	44.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.64%			
26) 1,2-Dichloroethane-d4	5.31	65	382215	46.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.14%			
32) Benzene-d6	5.34	84	1185454	48.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.88%			
36) 1,2-Dichloropropane-d6	6.33	67	418163	48.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.14%			
41) Toluene-d8	7.56	98	1034733	48.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.10%			
43) trans-1,3-Dichloropropene-	7.85	79	171320	46.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.72%			
47) 2-Hexanone-d5	8.31	63	412069	110.58	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.58%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	534969	46.30	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.60%			
64) 1,2-Dichlorobenzene-d4	11.85	152	346976	48.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.02%			

Target Compounds	Qvalue

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

MD 5/2/19