Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050219\

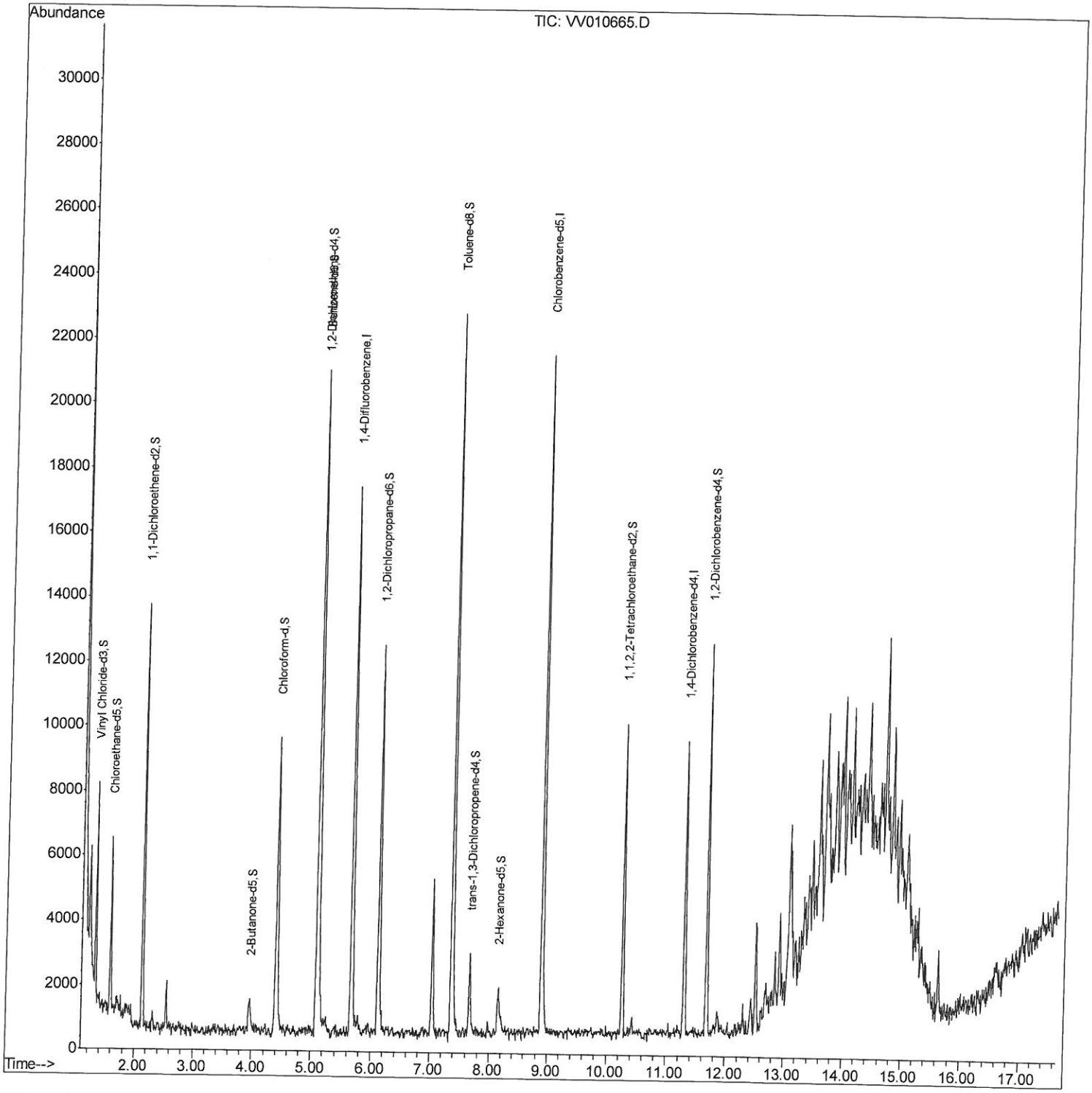
Quantitation Report (QT Reviewed)

Data File : VV010665.D
Acq On : 03 May 2019 18:35
Operator : SY/MD
Sample : K2603-11
Misc : 5.09G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 00:55:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 23:50:43 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GAJ63RE

Manual Integrations APPROVED
MMDadoda
5/6/2019 11:53:15 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050219\

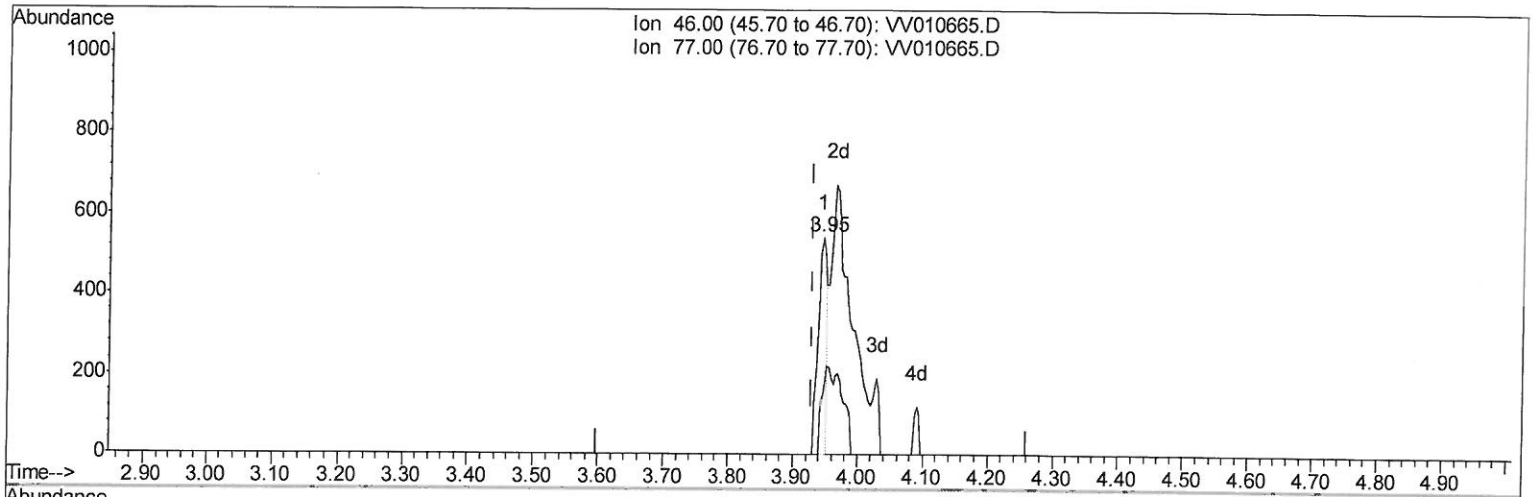
Quantitation Report (Qedit)

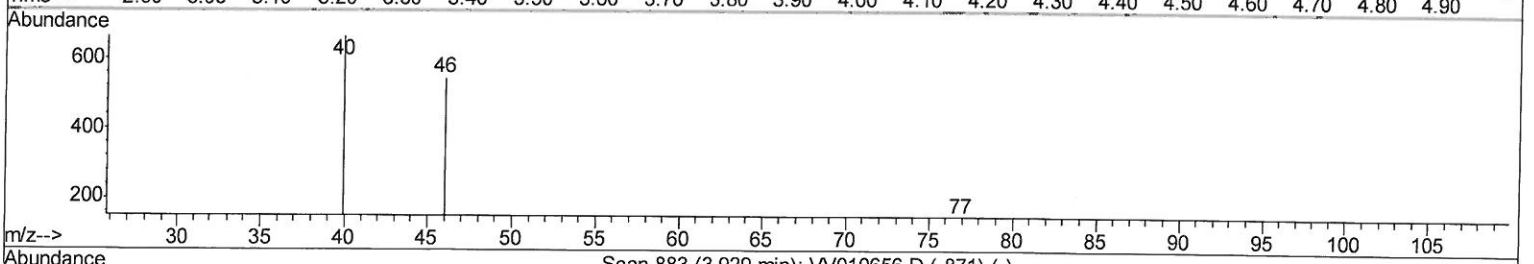
Data File : VV010665.D
Acq On : 03 May 2019 18:35
Operator : SY/MD
Sample : K2603-11
Misc : 5.09G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

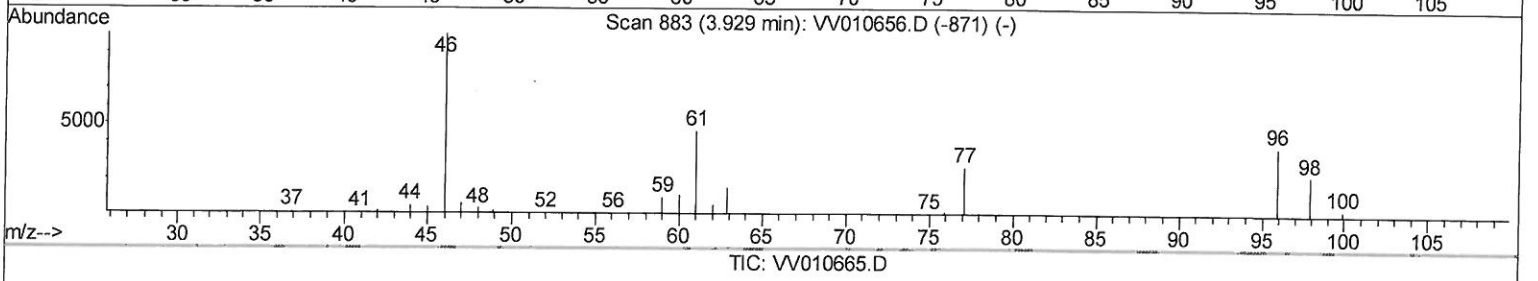
Quant Time: May 03 23:54:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 23:50:43 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GAJ63RE

Manual Integrations APPROVED
MMDadoda
5/6/2019 11:53:15 AM







TIC: VV010665.D

(20) 2-Butanone-d5 (S)

3.946min (+0.016) 8.12ug/L

response 516

Ion	Exp%	Act%
46.00	100	100
77.00	26.10	47.09#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050219\

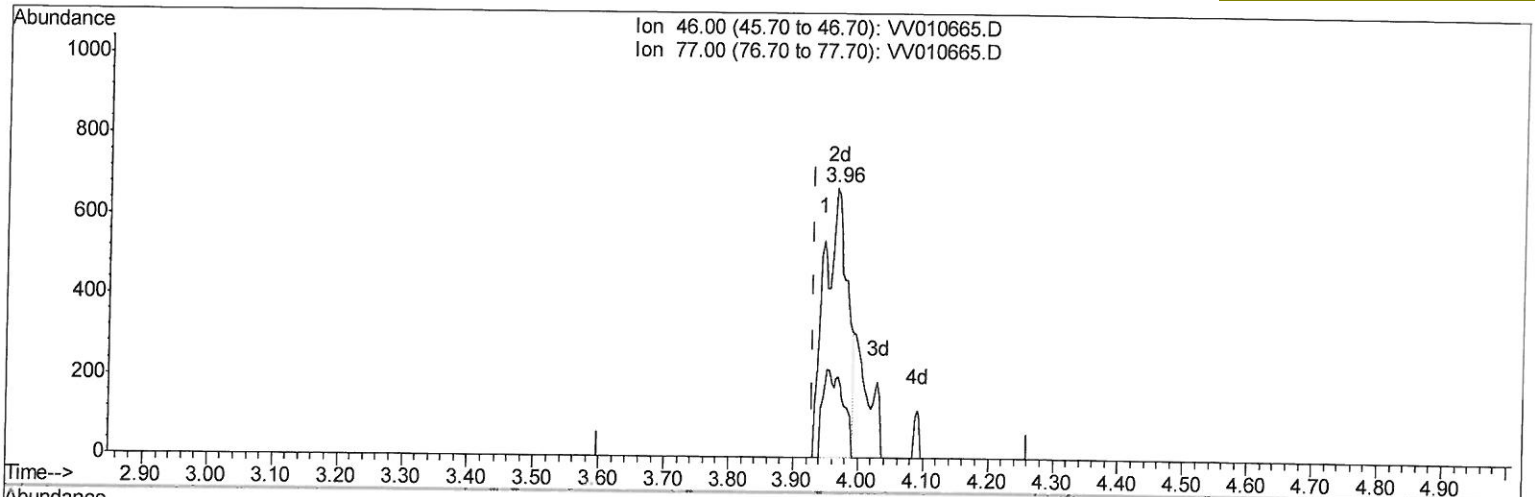
Quantitation Report (Qedit)

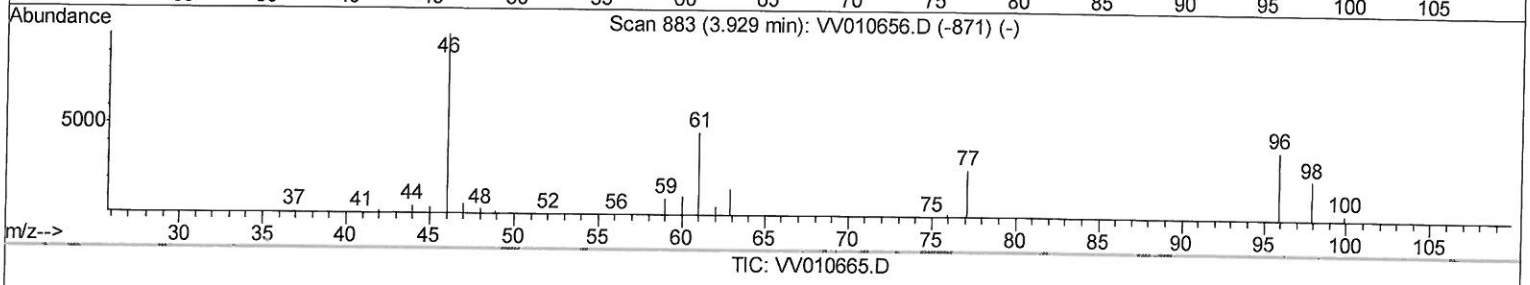
Data File : VV010665.D
Acq On : 03 May 2019 18:35
Operator : SY/MD
Sample : K2603-11
Misc : 5.09G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 03 23:54:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 23:50:43 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GAJ63RE

Manual Integrations APPROVED
MMDadoda
5/6/2019 11:53:15 AM





TIC: VV010665.D

(20) 2-Butanone-d5 (S)

3.965min (+0.035) 25.76ug/L m) 05/06/19 SY

response 1638

Ion	Exp%	Act%
46.00	100	100
77.00	26.10	14.84#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050219\

Quantitation Report (QT Reviewed)

Data File : VV010665.D
Acq On : 03 May 2019 18:35
Operator : SY/MD
Sample : K2603-11
Misc : 5.09G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ63RE

Manual Integrations APPROVED
MMDadoda
5/6/2019 11:53:15 AM

Quant Time: May 04 00:55:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 23:50:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	16505	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	13675	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	3098	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	3756	17.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.88%			
7) Chloroethane-d5	1.59	69	3080	21.06	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.24%			
10) 1,1-Dichloroethene-d2	2.14	63	7121	19.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.72%			
20) 2-Butanone-d5	3.96	46	1638m	25.76	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery = 51.52%			
24) Chloroform-d	4.41	84	10067	23.61	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.44%			
26) 1,2-Dichloroethane-d4	5.09	65	5871	24.03	ug/L	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.12%			
29) Benzene-d6	5.11	84	20207	28.52	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.08%			
33) 1,2-Dichloropropane-d6	6.12	67	6536	30.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 120.44%#			
37) Toluene-d8	7.36	98	17337	25.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.84%			
38) trans-1,3-Dichloropropene-	7.67	79	1839	20.50	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.00%			
39) 2-Hexanone-d5	8.14	63	994	25.72	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 51.44%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	4965	25.38	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.52%			
61) 1,2-Dichlorobenzene-d4	11.68	152	3840	32.21	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 128.84%#			

Target Compounds Qvalue

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

05/06/19 SY