Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\

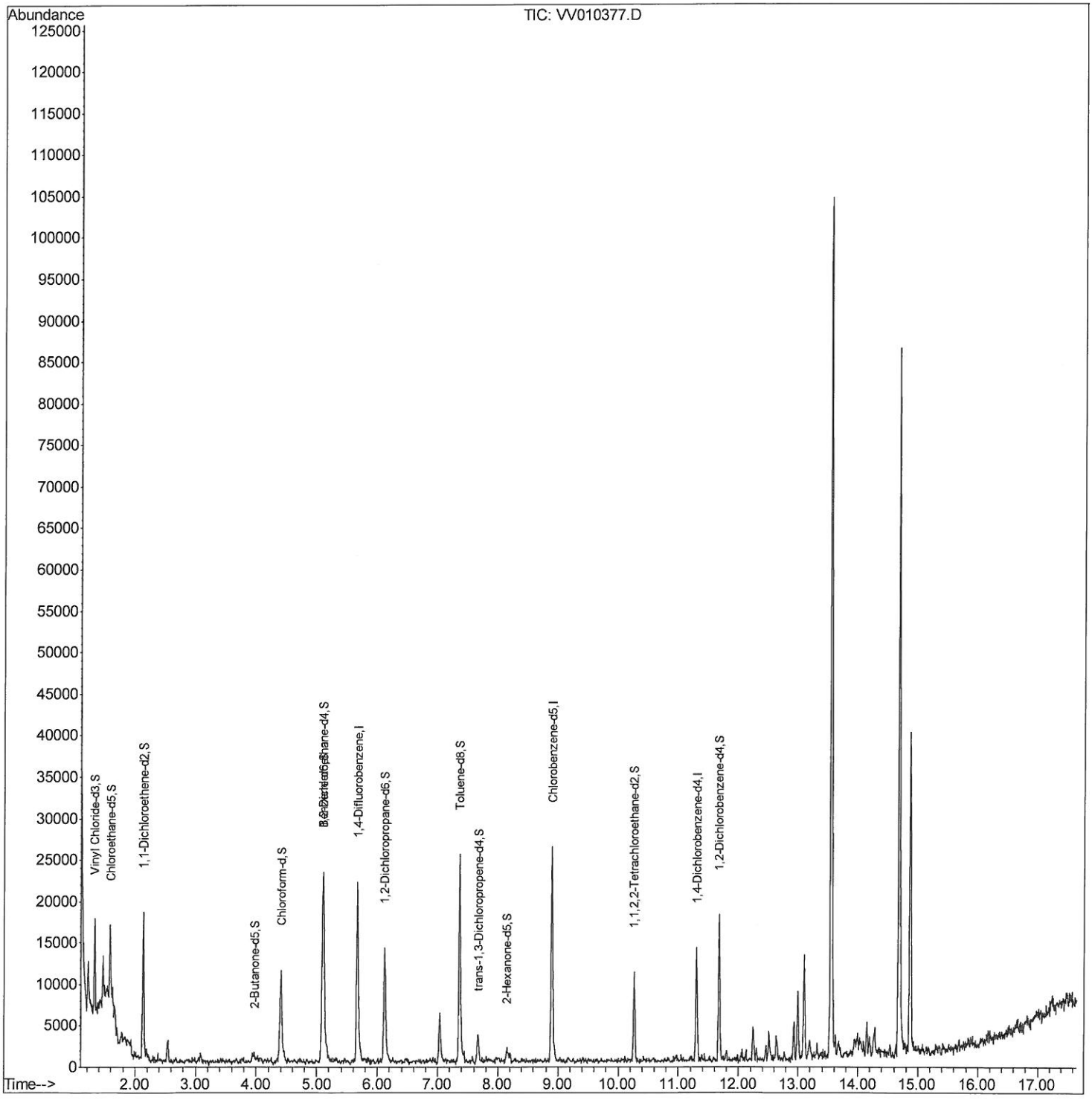
Quantitation Report (QT/LSC Reviewed)

Data File : VV010377.D
Acq On : 19 Apr 2019 09:39
Operator : SY/MD
Sample : K2402-07
Misc : 5.07G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 20 03:46:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 02:27:31 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GAHH9

Manual Integrations APPROVED
MMDadoda
4/23/2019 6:53:46 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\

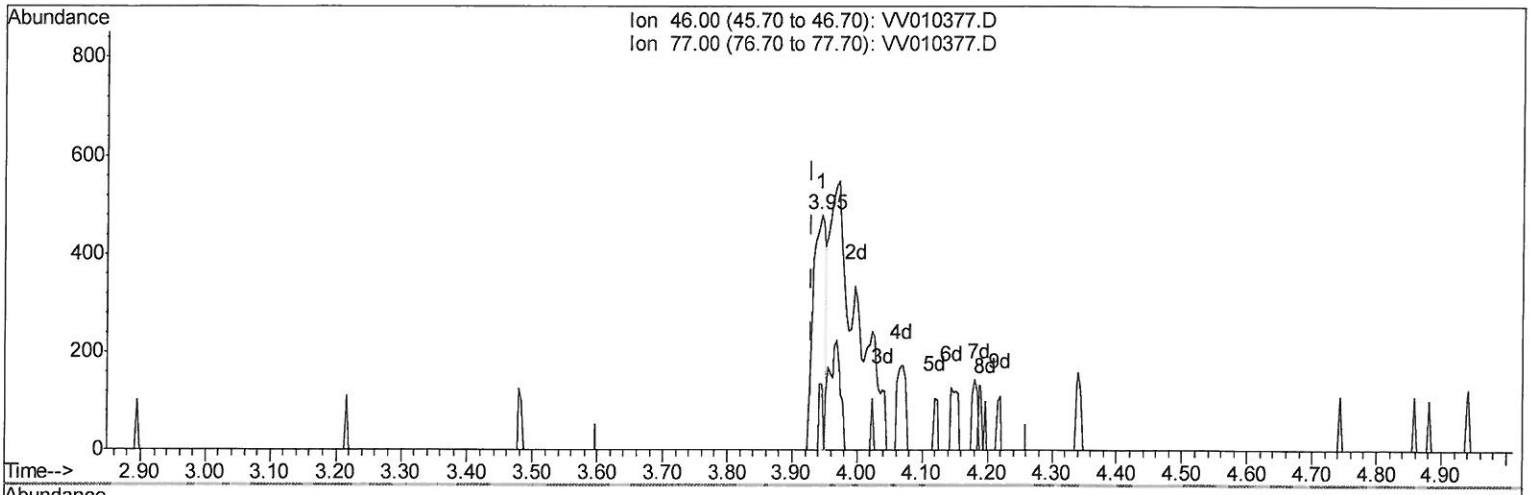
Quantitation Report (Qedit)

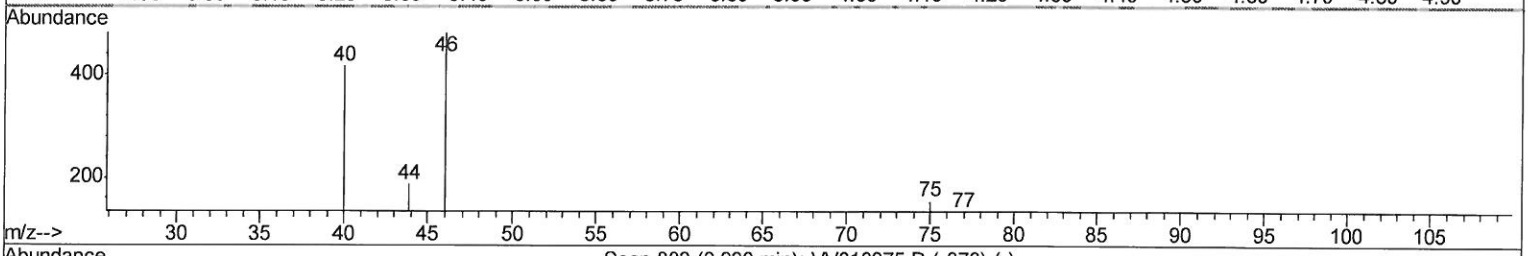
Data File : VV010377.D
Acq On : 19 Apr 2019 09:39
Operator : SY/MD
Sample : K2402-07
Misc : 5.07G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

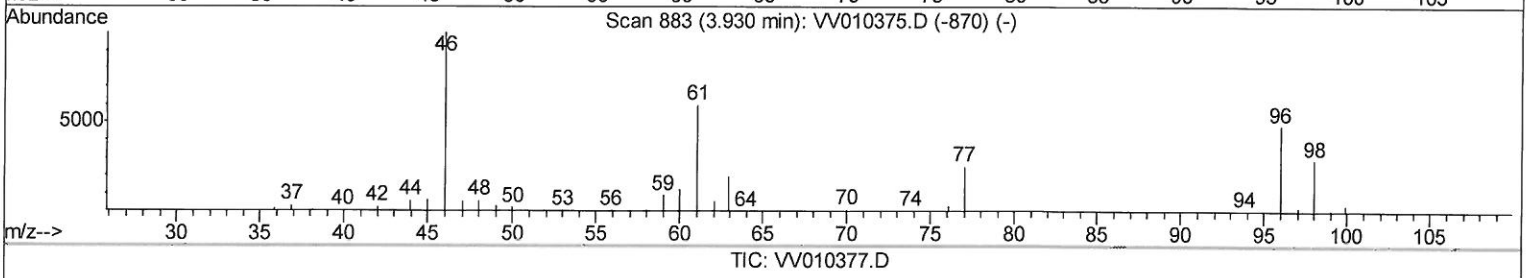
Quant Time: Apr 20 02:30:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 02:27:31 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GAHH9

Manual Integrations APPROVED
MMDadoda
4/23/2019 6:53:46 AM







TIC: VV010377.D

(20) 2-Butanone-d5 (S)

3.946min (+0.016) 9.04ug/L

response 665

Ion	Exp%	Act%
46.00	100	100
77.00	26.30	7.82#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\

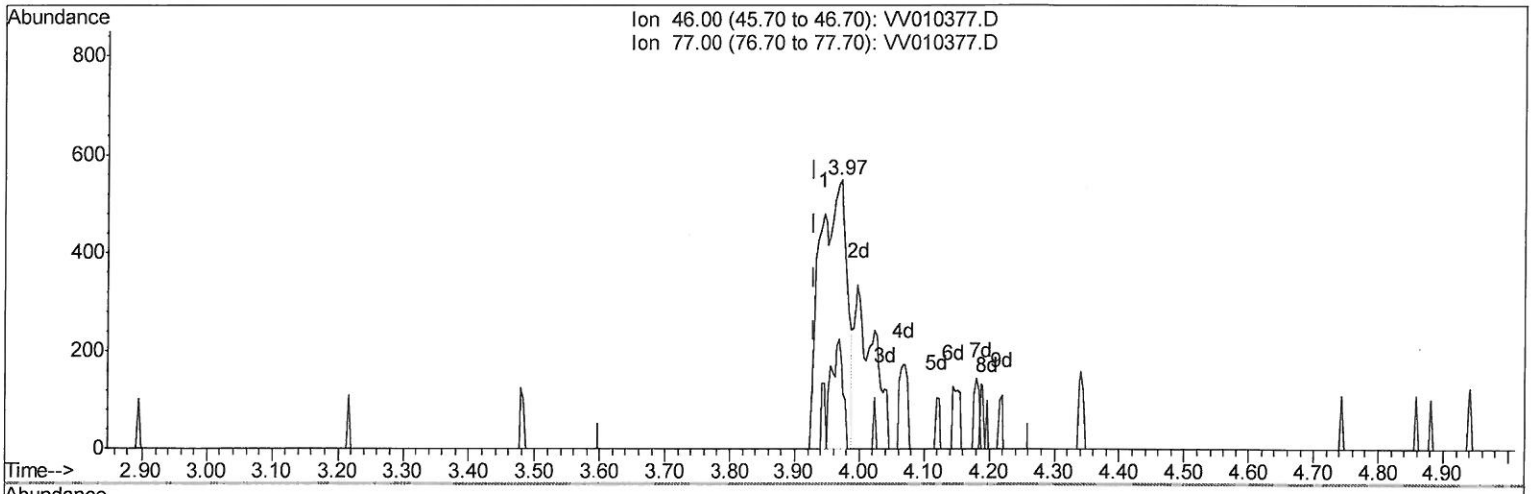
Quantitation Report (Qedit)

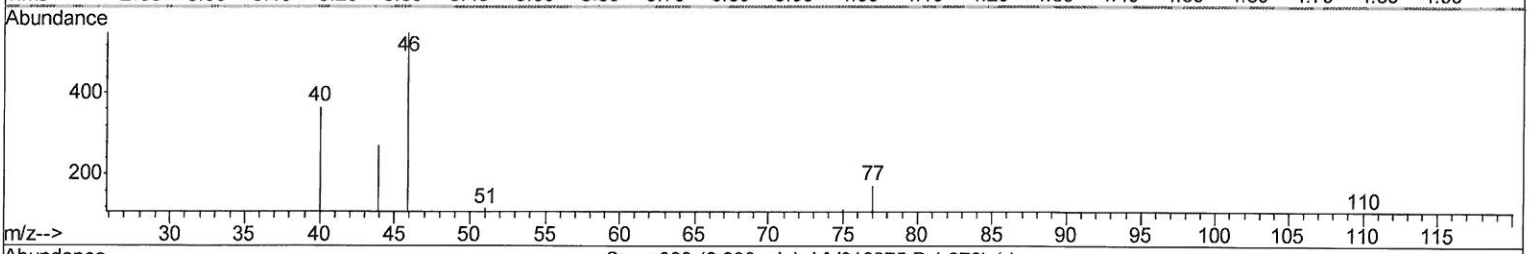
Data File : VV010377.D
Acq On : 19 Apr 2019 09:39
Operator : SY/MD
Sample : K2402-07
Misc : 5.07G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

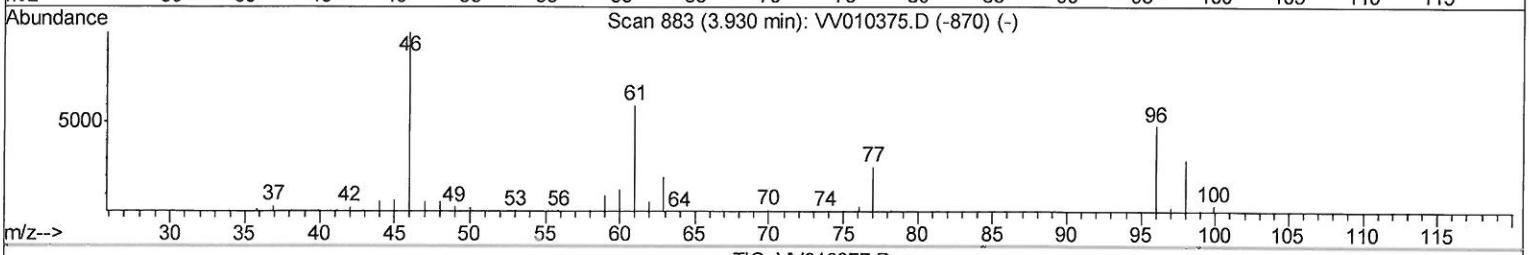
Quant Time: Apr 20 02:30:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 02:27:31 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GAHH9

Manual Integrations APPROVED
MMDadoda
4/23/2019 6:53:46 AM







TIC: VV010377.D

(20) 2-Butanone-d5 (S)

3.971min (+0.042) 21.41ug/L m

response 1575

7MD 4/26/19

Ion	Exp%	Act%
46.00	100	100
77.00	26.30	3.30#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\

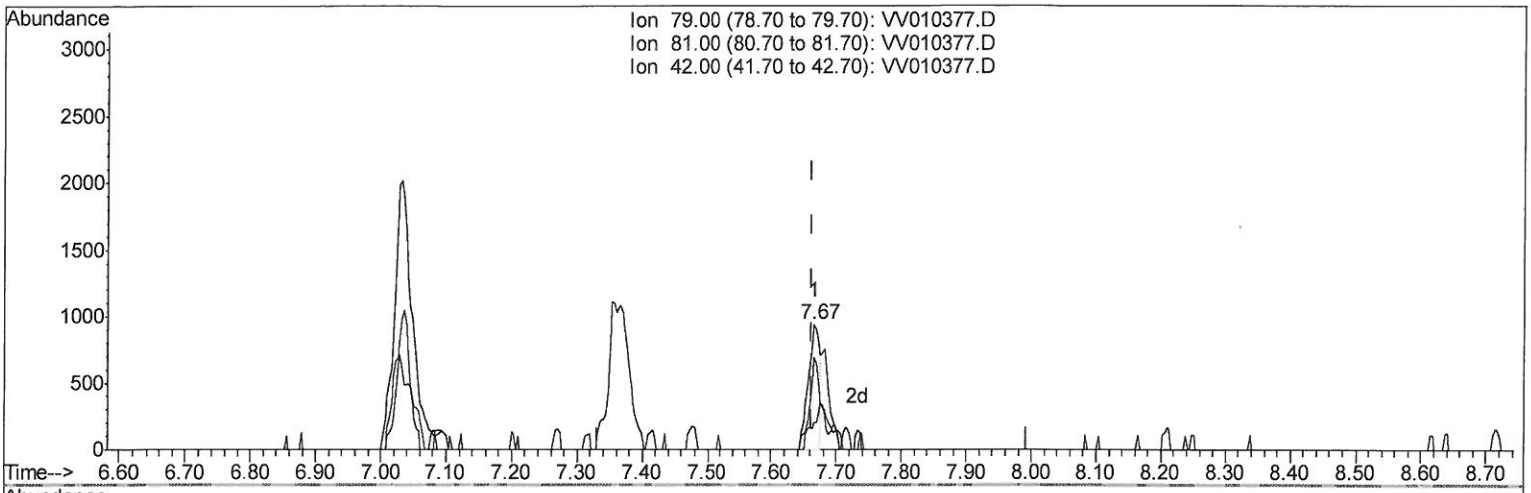
Quantitation Report (Qedit)

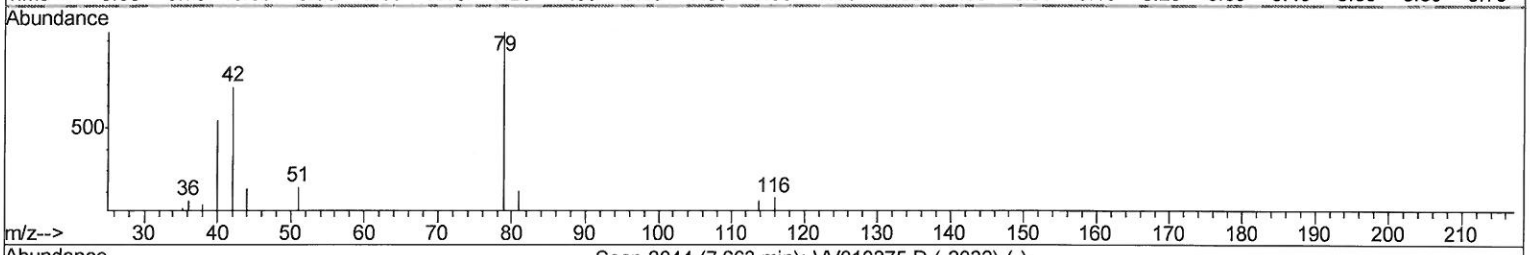
Data File : VV010377.D
Acq On : 19 Apr 2019 09:39
Operator : SY/MD
Sample : K2402-07
Misc : 5.07G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

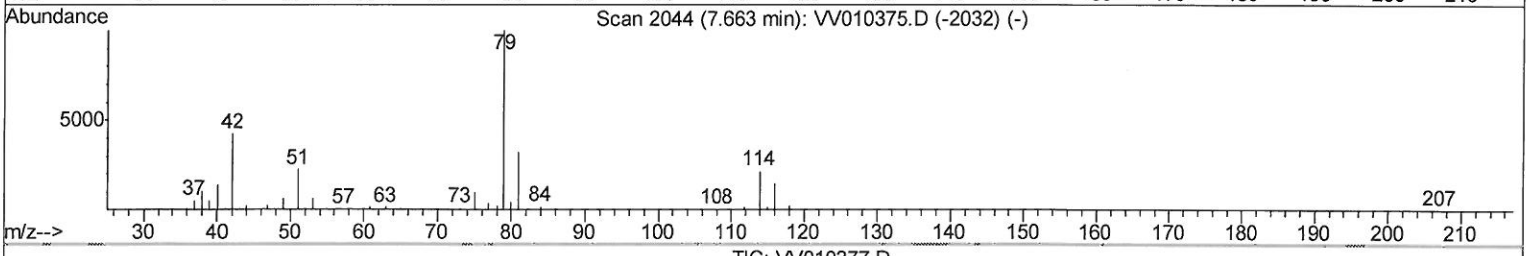
Quant Time: Apr 20 02:30:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 02:27:31 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GAHH9

Manual Integrations APPROVED
MMDadoda
4/23/2019 6:53:46 AM







TIC: VV010377.D

(38) trans-1,3-Dichloropropene-d4 (S)

7.666min (+0.003) 10.07ug/L

response 1149

Ion	Exp%	Act%
79.00	100	100
81.00	31.60	9.83#
42.00	43.20	83.29#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\

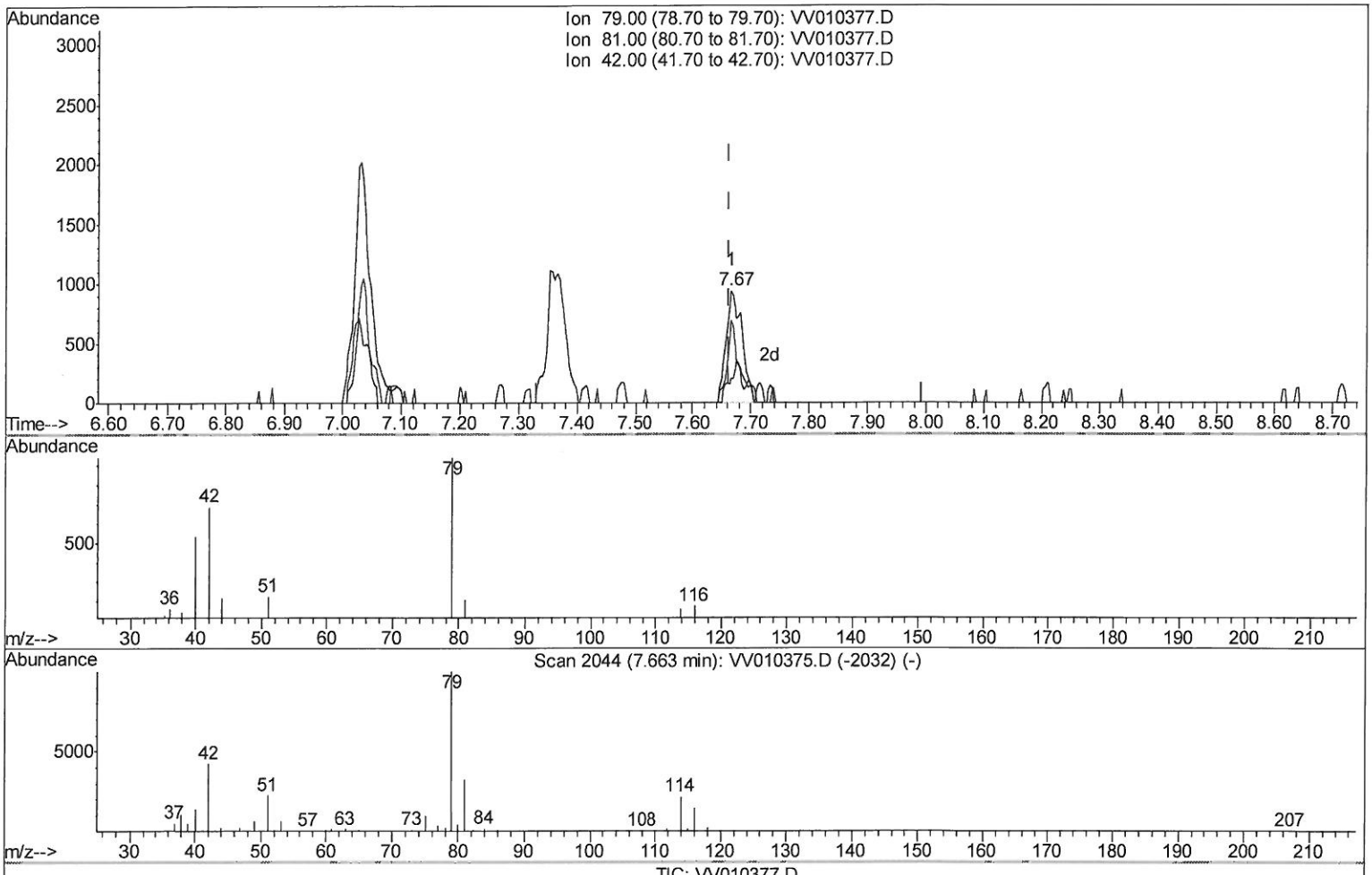
Quantitation Report (Qedit)

Data File : VV010377.D
Acq On : 19 Apr 2019 09:39
Operator : SY/MD
Sample : K2402-07
Misc : 5.07G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 20 02:30:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 02:27:31 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GAHH9

Manual Integrations APPROVED
MMDadoda
4/23/2019 6:53:46 AM



TIC: VV010377.D

(38) trans-1,3-Dichloropropene-d4 (S)

7.666min (+0.003) 15.76ug/L m

response 1798

Ion	Exp%	Act%
79.00	100	100
81.00	31.60	6.28#
42.00	43.20	53.23
0.00	0.00	0.00

MD 4/26/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\

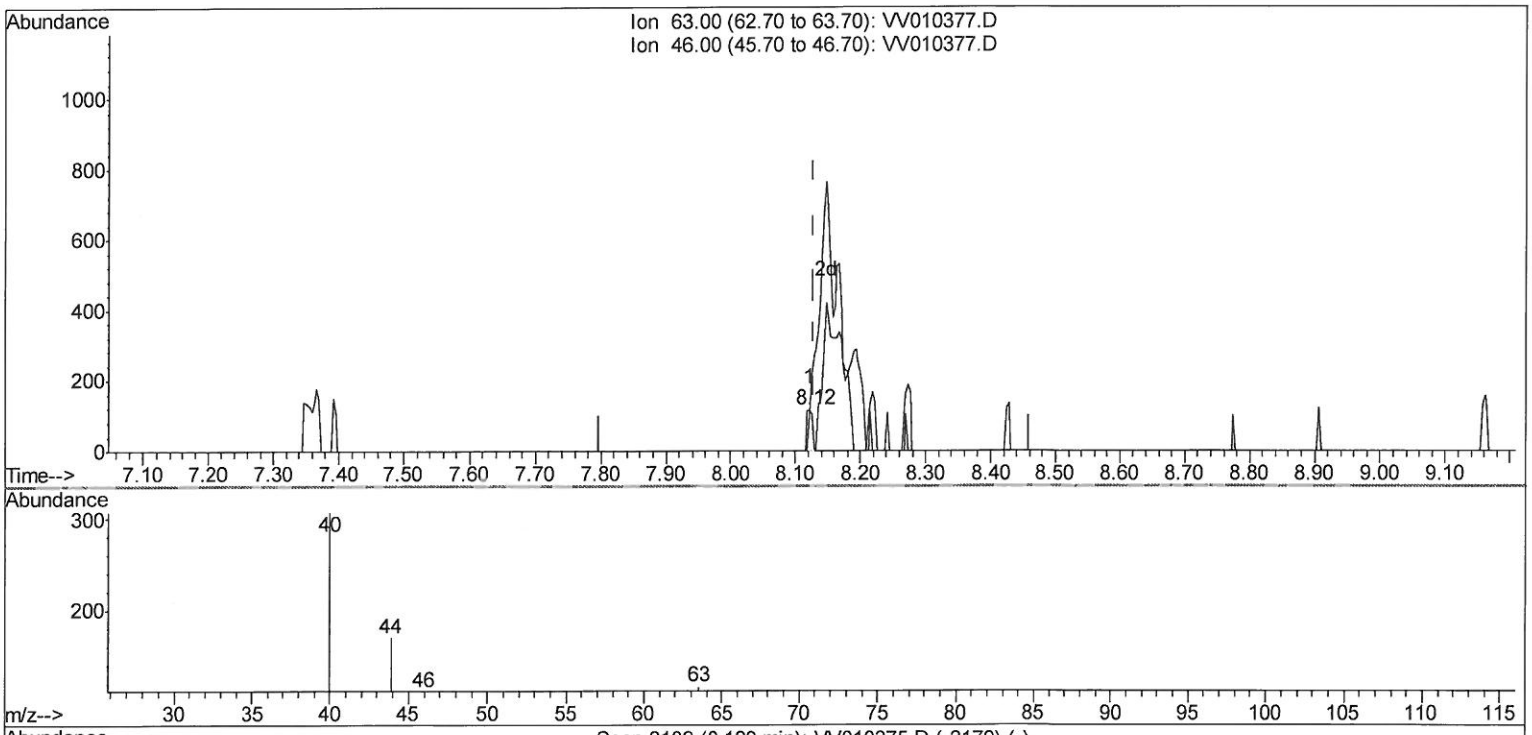
Quantitation Report (Qedit)

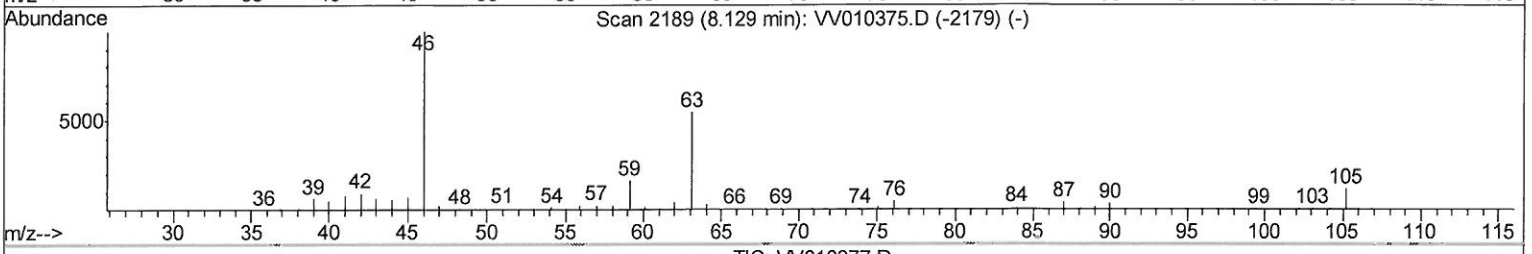
Data File : VV010377.D
Acq On : 19 Apr 2019 09:39
Operator : SY/MD
Sample : K2402-07
Misc : 5.07G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 20 02:30:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 02:27:31 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GAHH9

Manual Integrations APPROVED
MMDadoda
4/23/2019 6:53:46 AM





TIC: VV010377.D

(39) 2-Hexanone-d5 (S)

8.122min (-0.007) 1.26ug/L

response 65

Ion	Exp%	Act%
63.00	100	100
46.00	192.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\

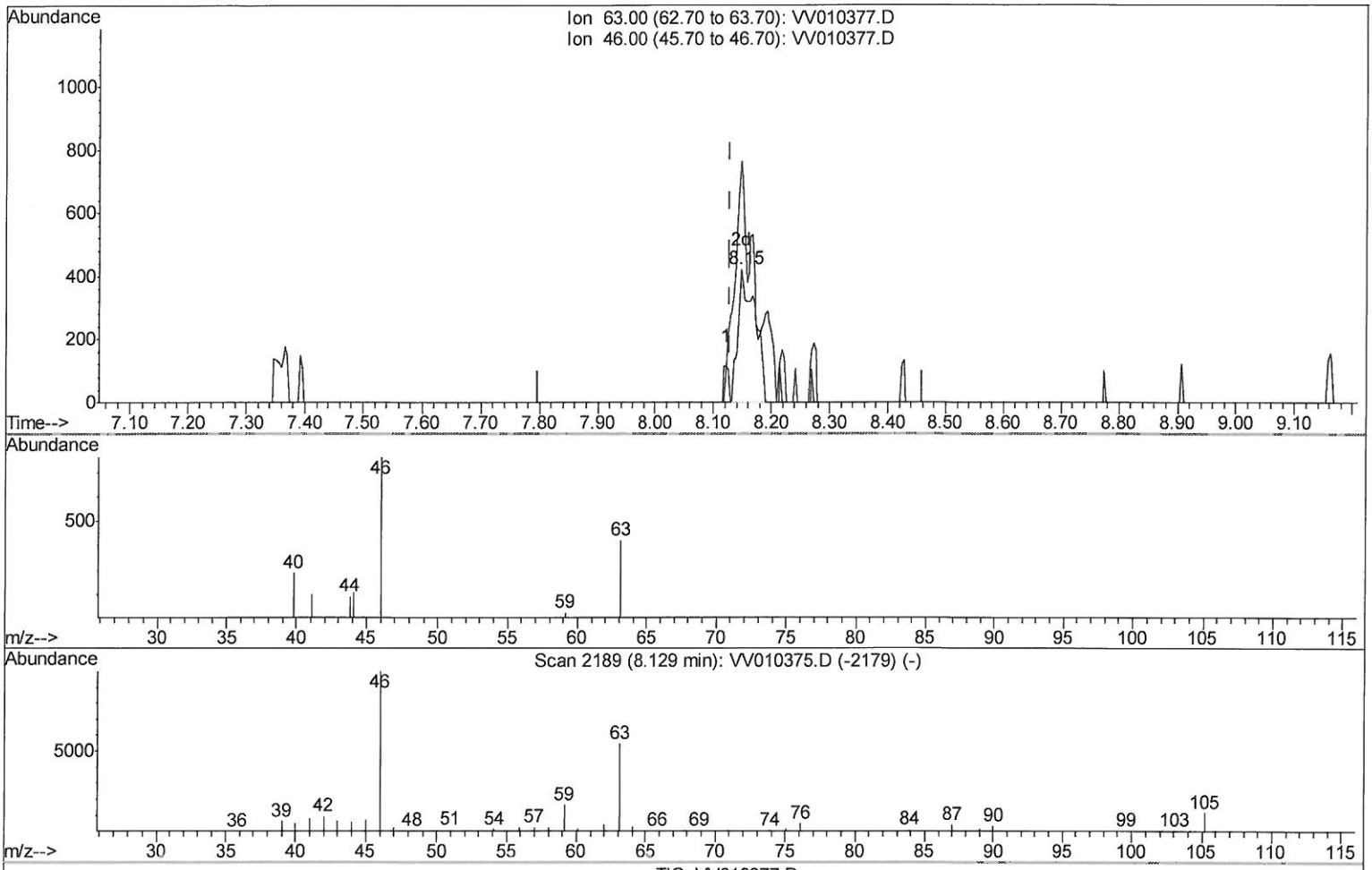
Quantitation Report (Qedit)

Data File : VV010377.D
Acq On : 19 Apr 2019 09:39
Operator : SY/MD
Sample : K2402-07
Misc : 5.07G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 20 02:30:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 02:27:31 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GAHH9

Manual Integrations APPROVED
MMDadoda
4/23/2019 6:53:46 AM



TIC: VV010377.D

(39) 2-Hexanone-d5 (S)

8.148min (+0.019) 16.67ug/L m

response 861

Ion	Exp%	Act%
63.00	100	100
46.00	192.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

MD 4/26/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\

Quantitation Report (QT/LSC Reviewed)

Data File : VV010377.D
Acq On : 19 Apr 2019 09:39
Operator : SY/MD
Sample : K2402-07
Misc : 5.07G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 20 03:46:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 02:27:31 2019
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : GAHH9

Manual Integrations APPROVED
MMDadoda
4/23/2019 6:53:46 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	18603	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	15487	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	3686	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	5575	23.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.40%			
7) Chloroethane-d5	1.58	69	5248	26.45	ug/L	0.03
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.80%			
10) 1,1-Dichloroethene-d2	2.14	63	9282	16.29	ug/L	0.02
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.16%			
20) 2-Butanone-d5	3.97	46	1575m	21.41	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery = 42.82%			
24) Chloroform-d	4.41	84	11771	24.07	ug/L	0.01
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.28%			
26) 1,2-Dichloroethane-d4	5.09	65	5910	20.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.88%			
29) Benzene-d6	5.10	84	21332	26.91	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.64%			
33) 1,2-Dichloropropane-d6	6.12	67	6405	27.61	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.44%			
37) Toluene-d8	7.37	98	18255	23.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.80%			
38) trans-1,3-Dichloropropene-	7.67	79	1798m	15.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 63.04%			
39) 2-Hexanone-d5	8.15	63	861m	16.67	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 33.34%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	4342	18.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 74.84%			
61) 1,2-Dichlorobenzene-d4	11.68	152	5002	34.52	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 138.08%#			

MD 4/26/19

MD 4/26/19

Target Compounds	Qvalue

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