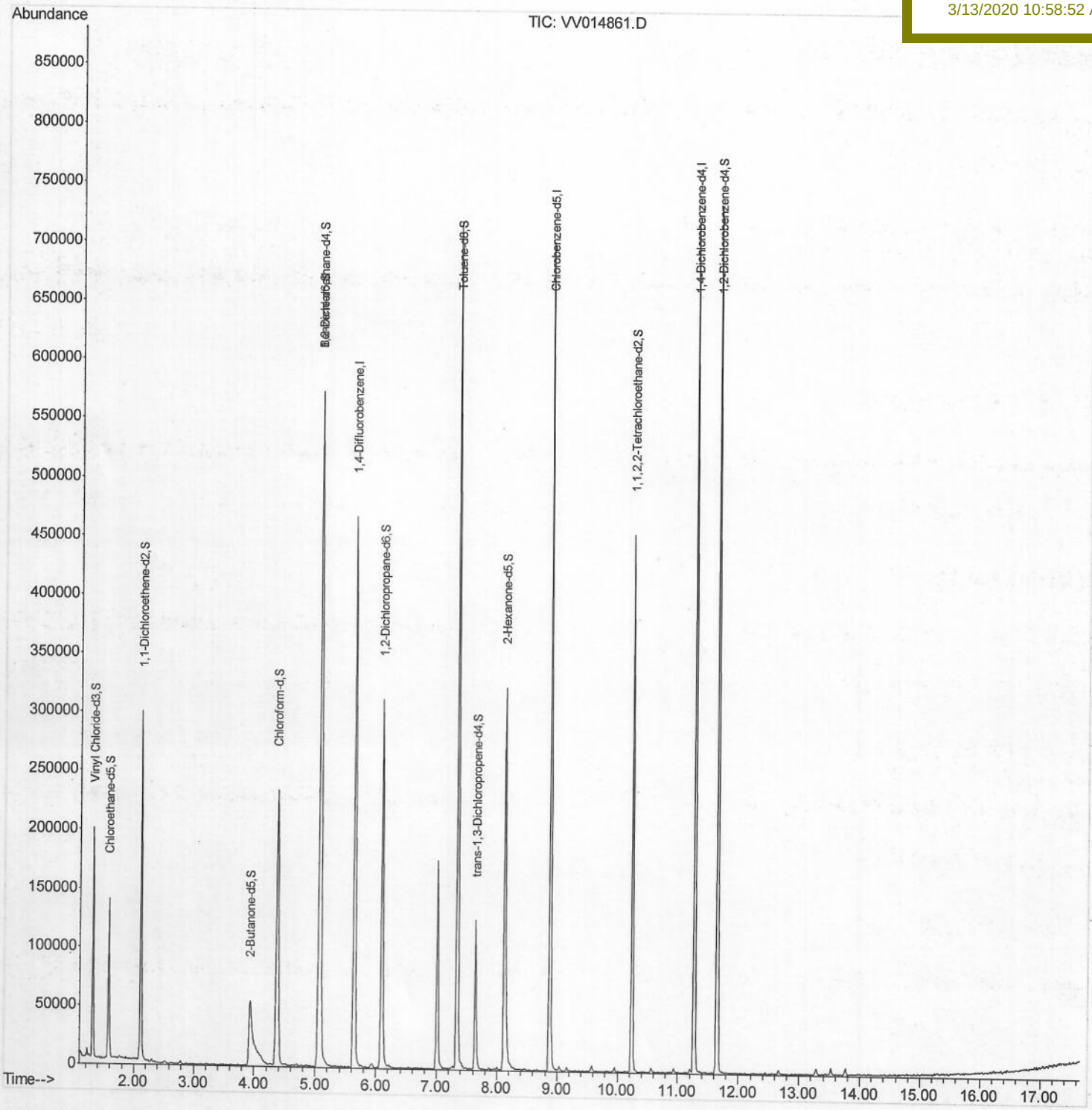
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031220\
Data File : VV014861.D
Acq On : 12 Mar 2020 12:26
Operator : SY/MD
Sample : VV0312WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 12 12:57:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 12 12:52:44 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VBLK82

Manual Integrations APPROVED
MMDadoda
3/13/2020 10:58:52 AM



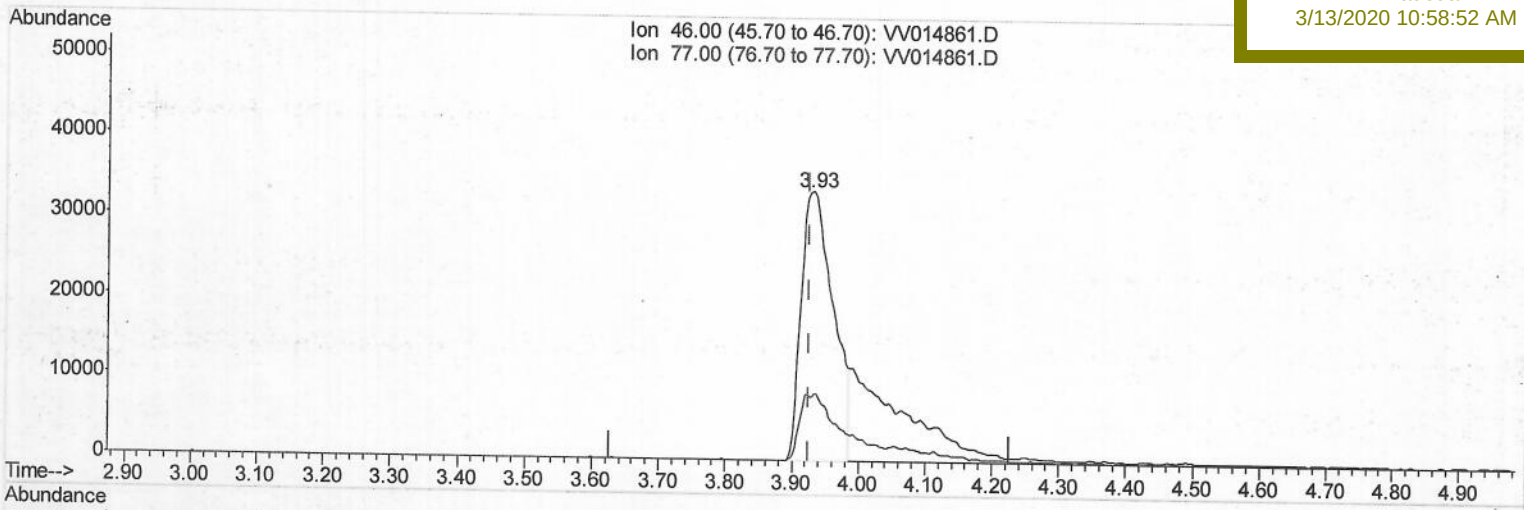
Quantitation Report (Qedit)

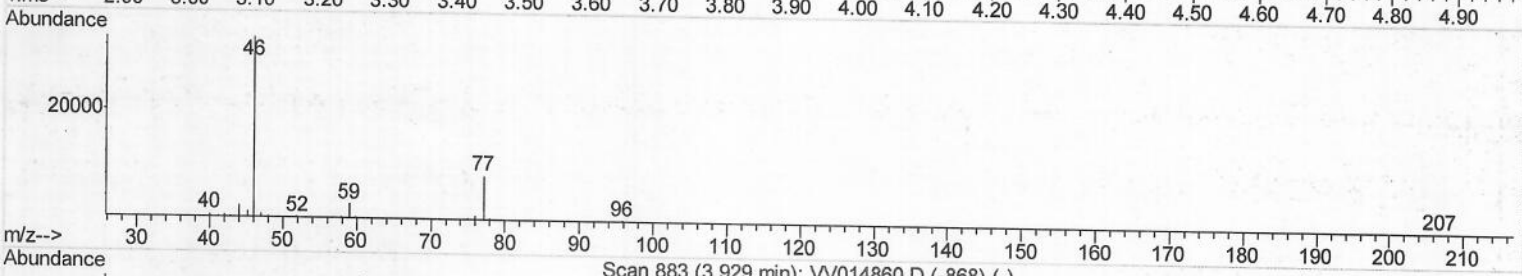
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031220\
Data File : VV014861.D
Acq On : 12 Mar 2020 12:26
Operator : SY/MD
Sample : VV0312WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

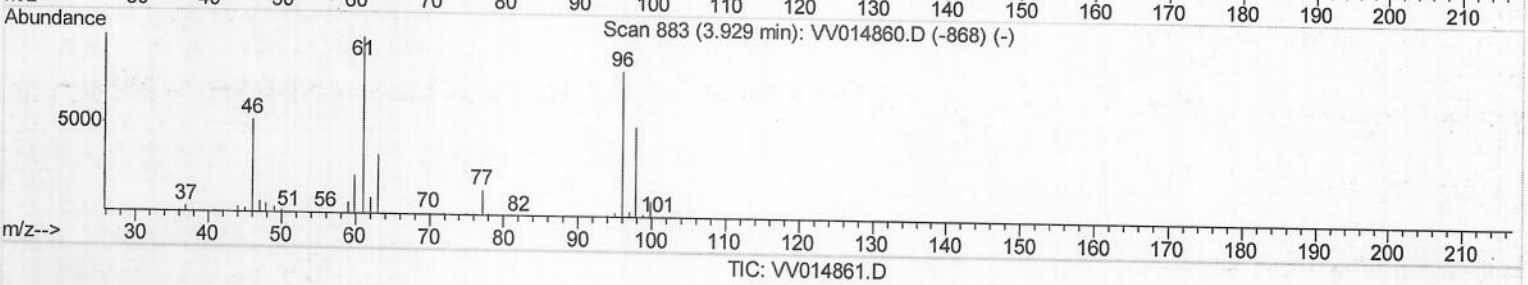
Quant Time: Mar 12 12:56:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 12 12:52:44 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VBLK82

Manual Integrations APPROVED
MMDadoda
3/13/2020 10:58:52 AM







TIC: VV014861.D

(21) 2-Butanone-d5 (S)

3.930min (+0.003) 54.61ug/L

response 112148

Ion	Exp%	Act%
46.00	100	100
77.00	23.30	8.25#
0.00	0.00	0.00
0.00	0.00	0.00

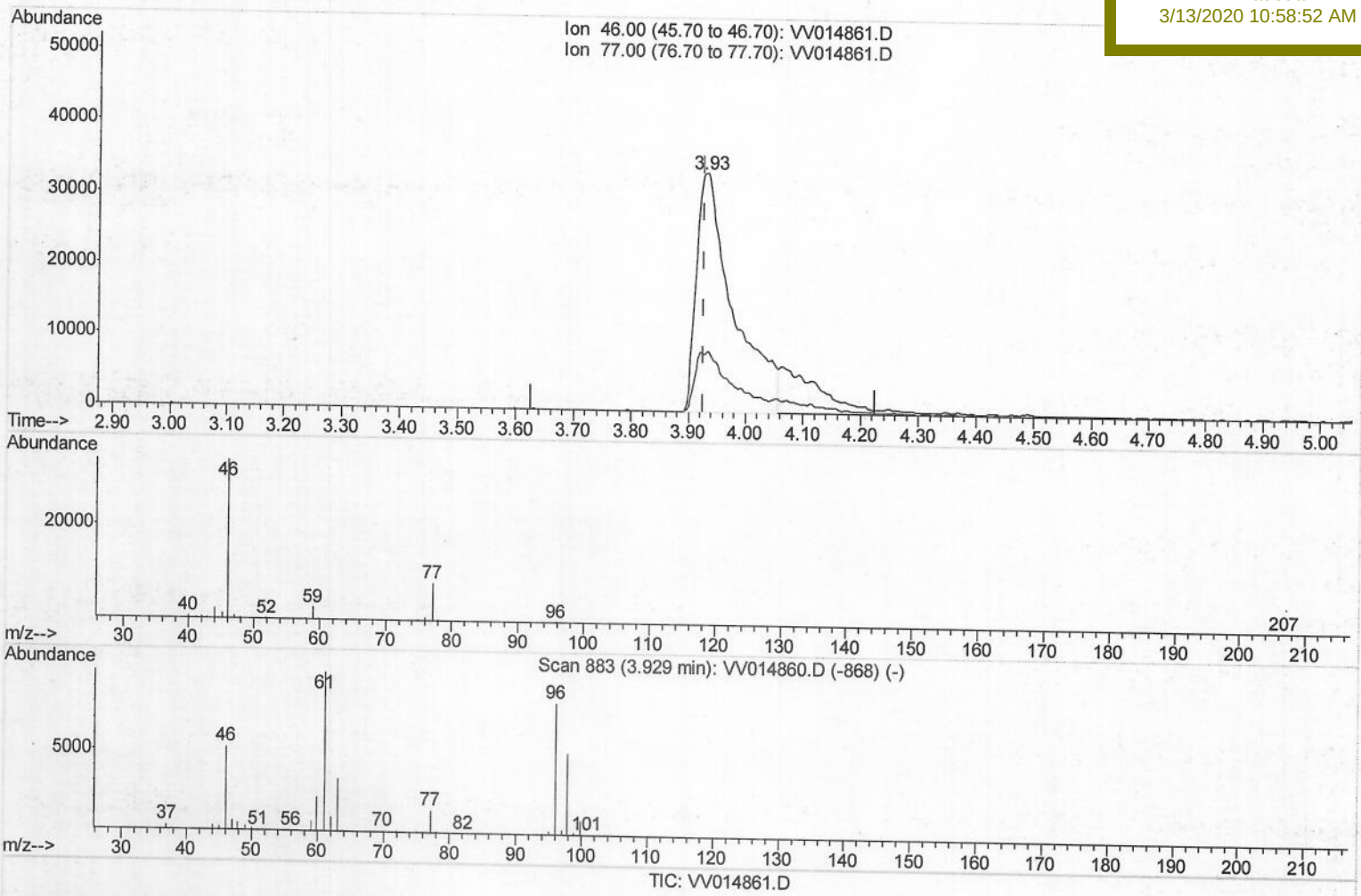
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031220\
Data File : VV014861.D
Acq On : 12 Mar 2020 12:26
Operator : SY/MD
Sample : VV0312WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 12 12:56:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 12 12:52:44 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VBLK82

Manual Integrations APPROVED
MMDadoda
3/13/2020 10:58:52 AM



TIC: VV014861.D

(21) 2-Butanone-d5 (S)

3.930min (+0.003) 72.62ug/L m > m.D 03/20/20

response 149138

Ion	Exp%	Act%
46.00	100	100
77.00	23.30	6.20#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031220\
Data File : VV014861.D
Acq On : 12 Mar 2020 12:26
Operator : SY/MD
Sample : VV0312WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 12 12:52:44 2020
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : VBLK82

Manual Integrations APPROVED
MMDadoda
3/13/2020 10:58:52 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	406893	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	394666	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	192902	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	124783	45.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.64%			
7) Chloroethane-d5	1.58	69	95797	44.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.02%			
11) 1,1-Dichloroethene-d2	2.12	63	151451	33.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.20%			
21) 2-Butanone-d5	3.93	46	149138m	72.62	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 72.62%			
24) Chloroform-d	4.37	84	247459	47.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.92%			
26) 1,2-Dichloroethane-d4	5.06	65	160855	45.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.84%			
32) Benzene-d6	5.07	84	504807	48.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.88%			
36) 1,2-Dichloropropane-d6	6.09	67	152452	44.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.28%			
41) Toluene-d8	7.34	98	486613	47.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.36%			
43) trans-1,3-Dichloropropene-	7.64	79	73261	43.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.88%			
47) 2-Hexanone-d5	8.12	63	141795	92.46	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.46%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	211128	44.44	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.88%			
64) 1,2-Dichlorobenzene-d4	11.65	152	196245	51.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.66%			

Target Compounds	Qvalue

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

M.O 03/20/20