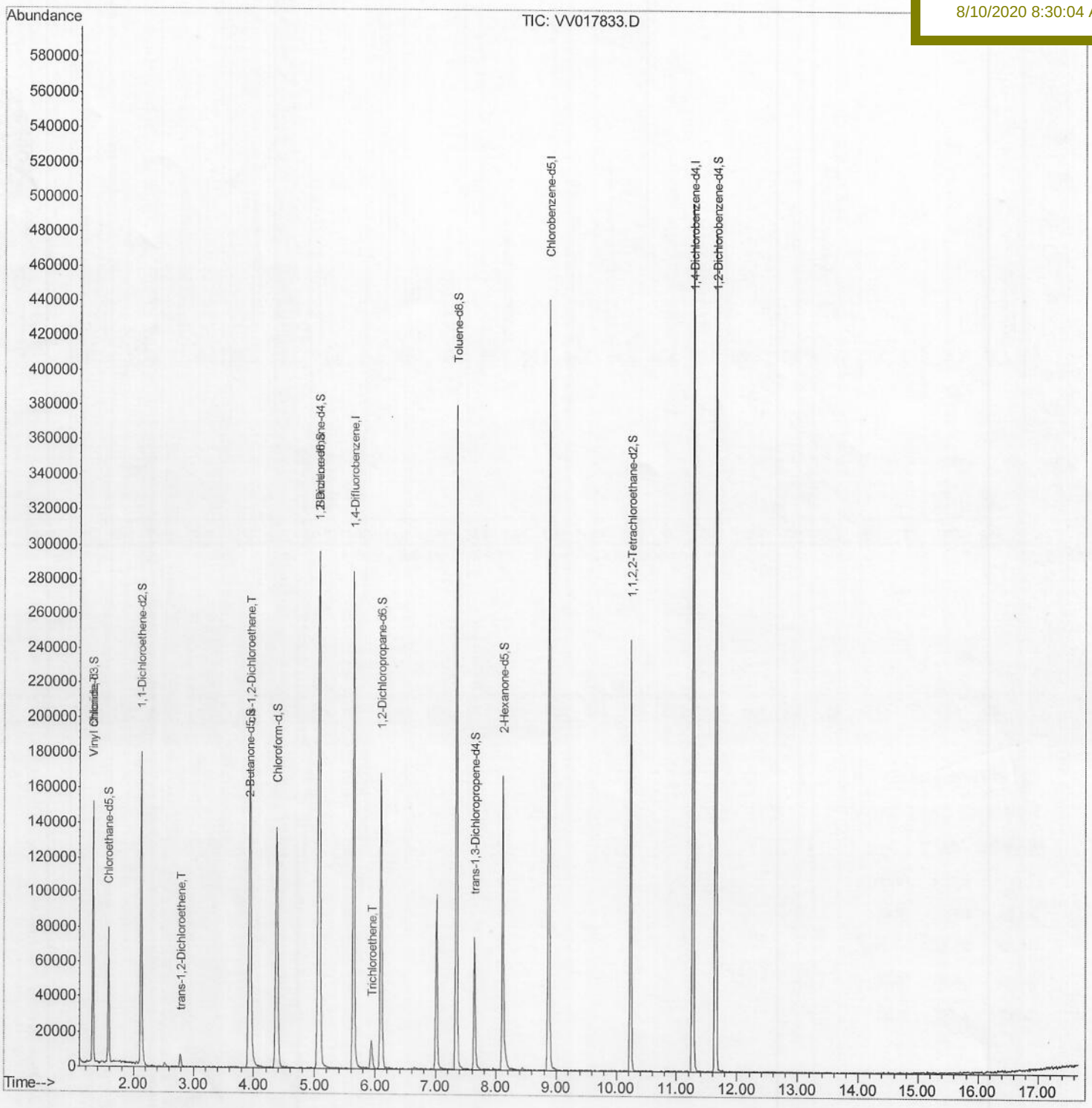
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080720\
Data File : VV017833.D
Acq On : 07 Aug 2020 12:33
Operator : SY/MD
Sample : L3590-07DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 08 01:06:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 08 00:22:47 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
F2L52DL

Manual Integrations APPROVED
sam
8/10/2020 8:30:04 AM



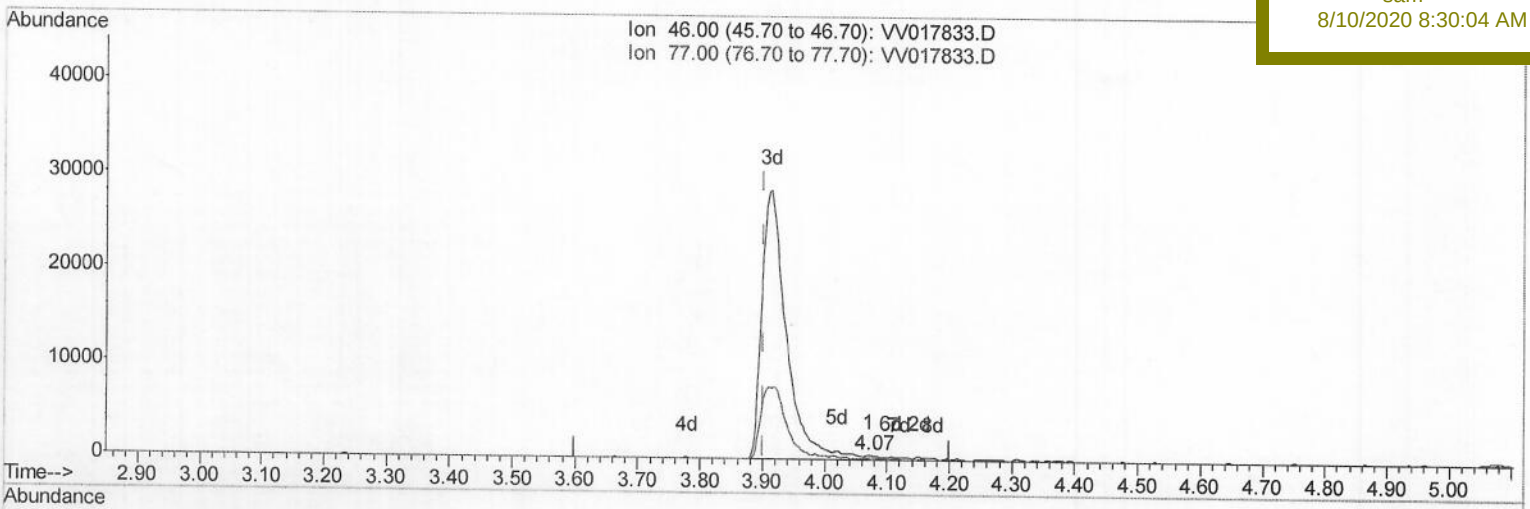
Quantitation Report (Qedit)

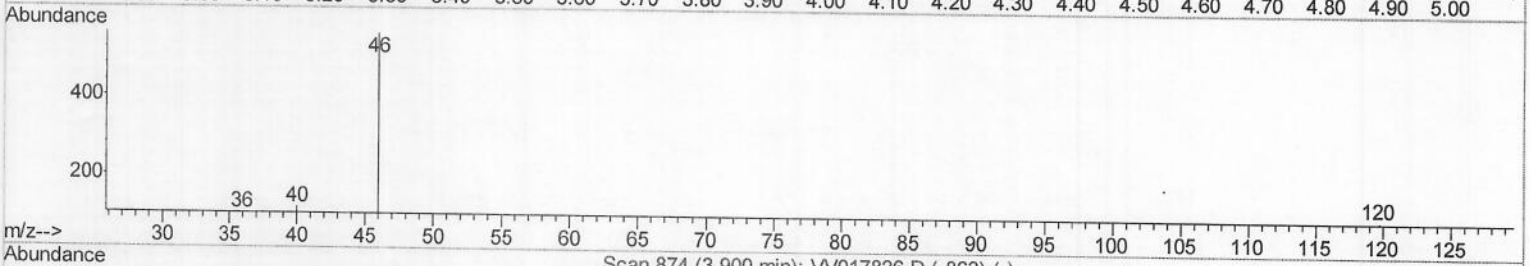
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080720\
Data File : VV017833.D
Acq On : 07 Aug 2020 12:33
Operator : SY/MD
Sample : L3590-07DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

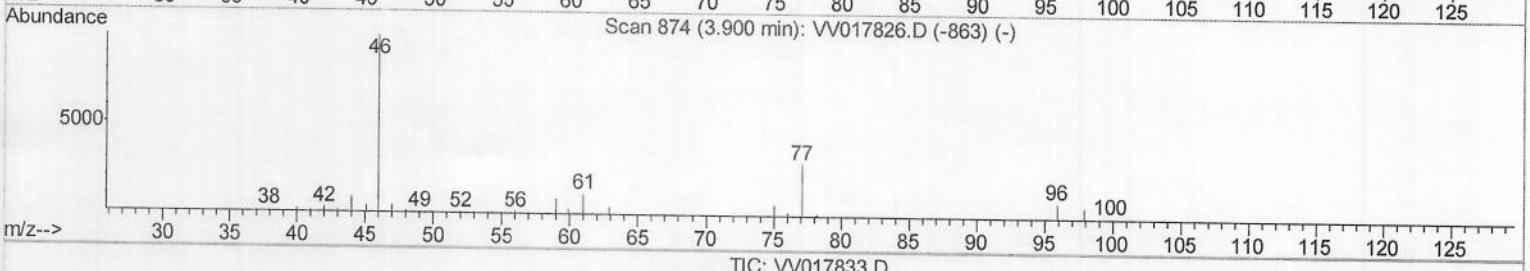
Quant Time: Aug 08 00:25:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 08 00:22:47 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
F2L52DL

Manual Integrations APPROVED
sam
8/10/2020 8:30:04 AM







TIC: VV017833.D

(21) 2-Butanone-d5 (S)

4.071min (+0.171) 0.43ug/L

response 389

Ion	Exp%	Act%
46.00	100	100
77.00	25.80	32.39
0.00	0.00	0.00
0.00	0.00	0.00

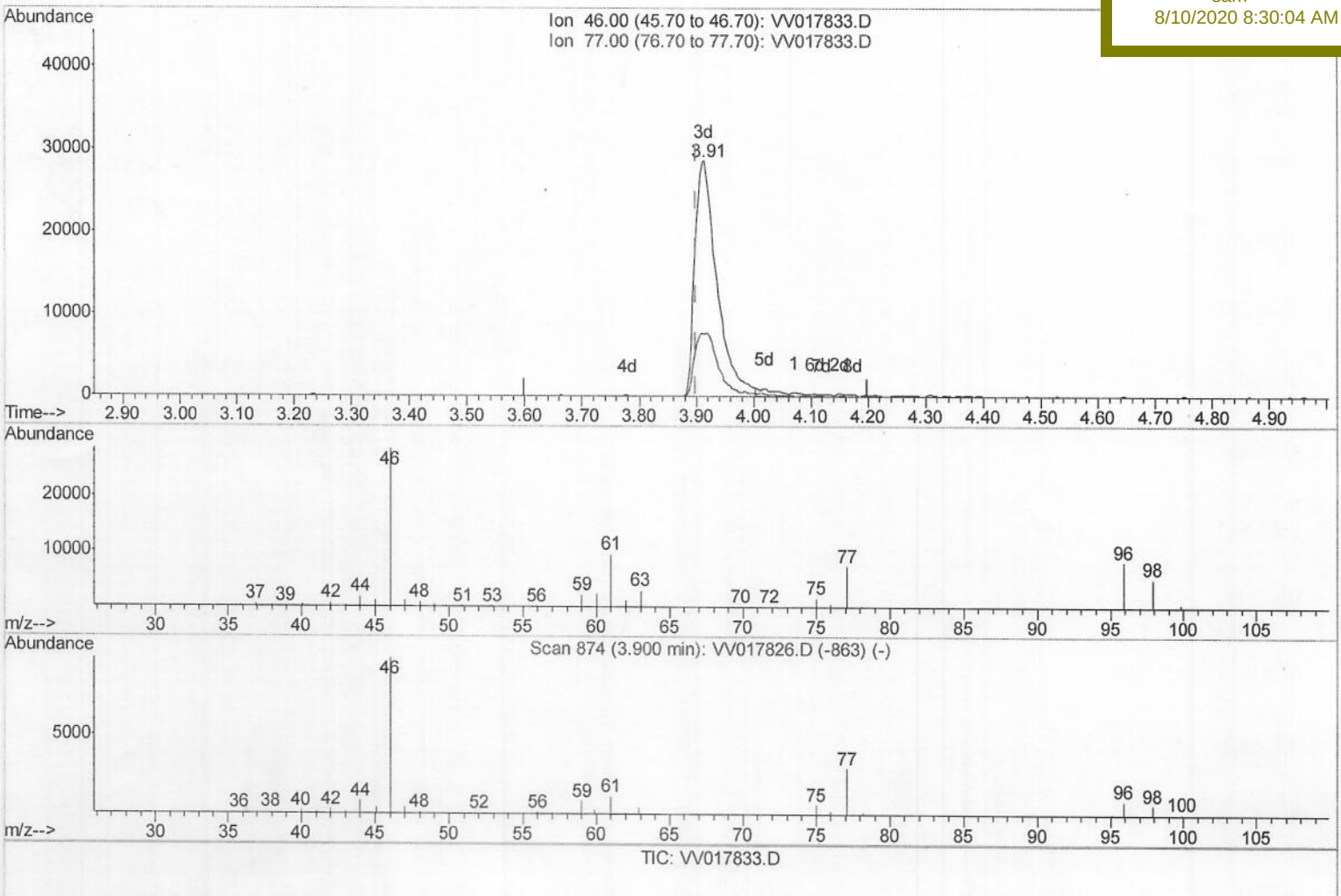
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080720\
Data File : VV017833.D
Acq On : 07 Aug 2020 12:33
Operator : SY/MD
Sample : L3590-07DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 08 00:25:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 08 00:22:47 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
F2L52DL

Manual Integrations APPROVED
sam
8/10/2020 8:30:04 AM



(21) 2-Butanone-d5 (S)

3.913min (+0.013) 85.36ug/L m -> MD 08/10/2020

response 76469

Ion	Exp%	Act%
46.00	100	100
77.00	25.80	0.16#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080720\
Data File : VV017833.D
Acq On : 07 Aug 2020 12:33
Operator : SY/MD
Sample : L3590-07DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 08 01:06:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 08 00:22:47 2020
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : F2L52DL

Manual Integrations APPROVED
sam
8/10/2020 8:30:04 AM

MD 08/10/2020

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	244313	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	240975	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131851	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	43843	36.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.60%			
7) Chloroethane-d5	1.58	69	43649	42.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.82%			
11) 1,1-Dichloroethene-d2	2.12	63	91522	31.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.94%			
21) 2-Butanone-d5	3.91	46	76469m	85.36	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.36%			
24) Chloroform-d	4.38	84	139870	42.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.92%			
26) 1,2-Dichloroethane-d4	5.06	65	109986	46.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.50%			
32) Benzene-d6	5.08	84	238589	41.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.70%			
36) 1,2-Dichloropropane-d6	6.09	67	63385	40.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 80.52%			
41) Toluene-d8	7.34	98	242455	43.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.74%			
43) trans-1,3-Dichloropropene-	7.64	79	39939	38.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.76%			
47) 2-Hexanone-d5	8.11	63	52686	77.85	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 77.85%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	94719	39.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 79.68%			
64) 1,2-Dichlorobenzene-d4	11.65	152	124949	48.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.56%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	41896	24.173	ug/L	92
17) trans-1,2-Dichloroethene	2.78	96	2513	1.516	ug/L	90
20) cis-1,2-Dichloroethene	3.94	96	84720	47.839	ug/L	93
34) Trichloroethene	5.95	95	3851	2.073	ug/L	88

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