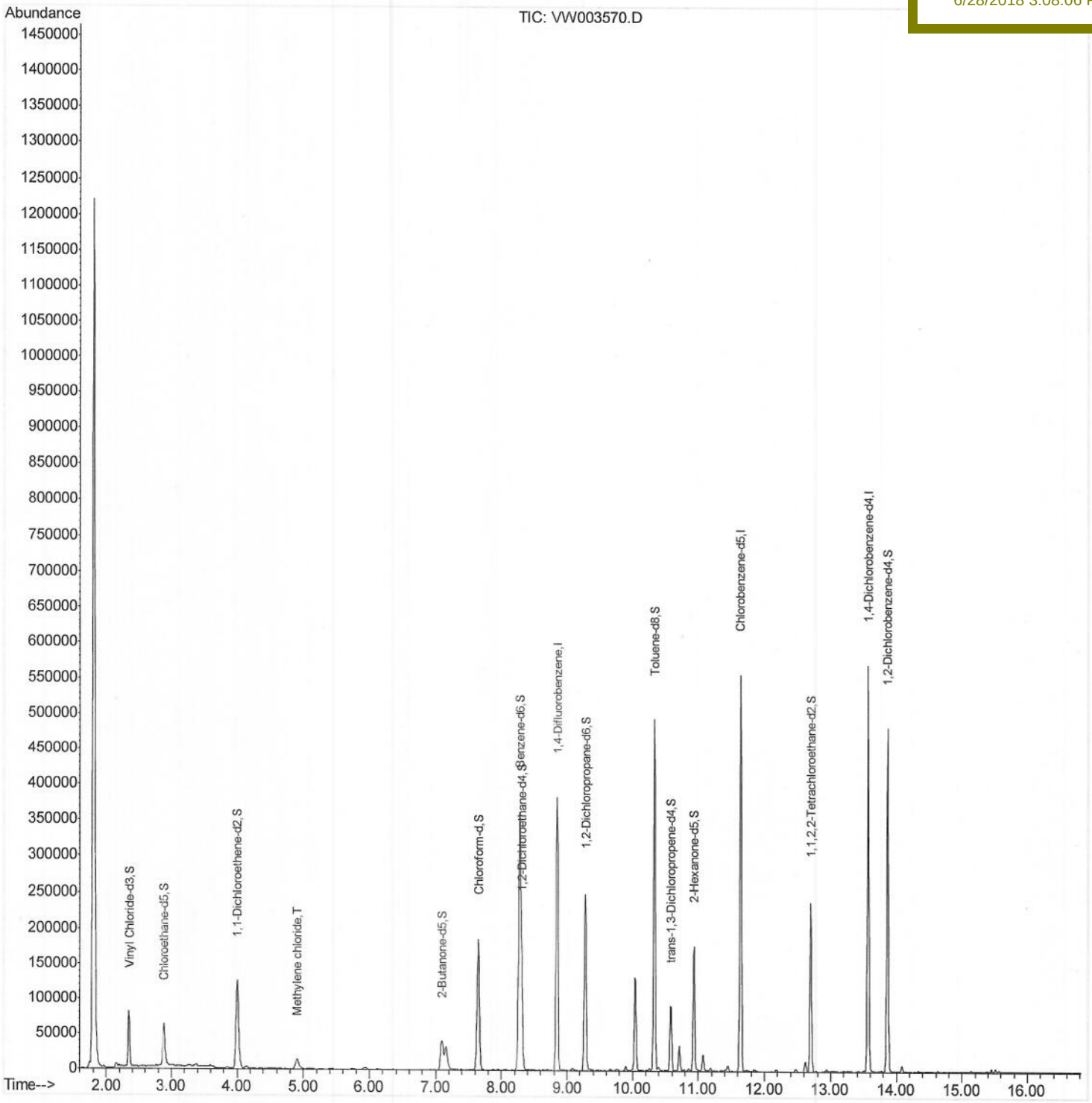
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062618\
Data File : VW003570.D
Acq On : 26 Jun 2018 11:07
Operator : SY/AP
Sample : J3569-23
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 01:42:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 27 01:37:29 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Manual Integrations APPROVED
MMDadoda
6/28/2018 3:08:06 PM



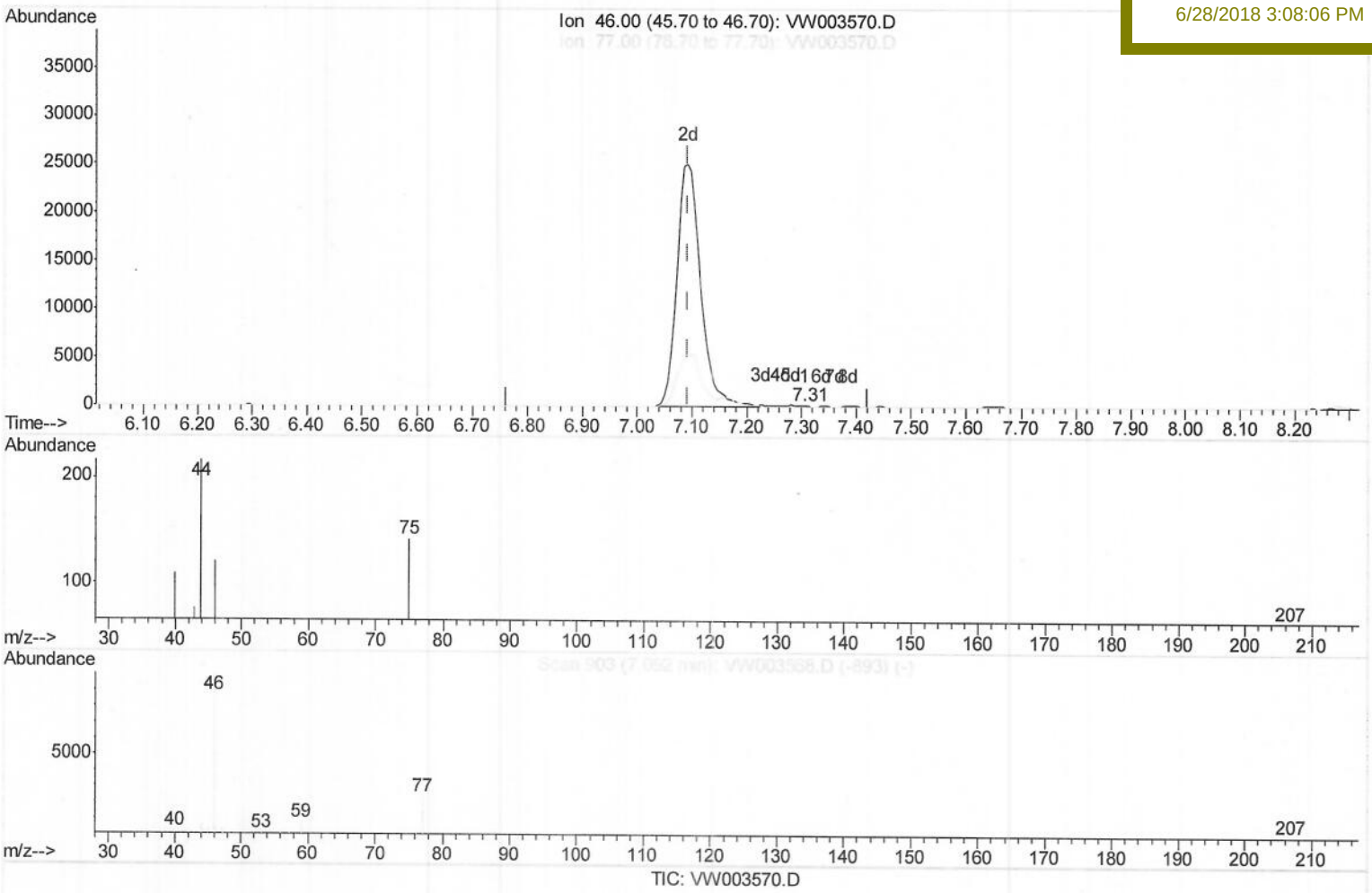
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062618\
Data File : VW003570.D
Acq On : 26 Jun 2018 11:07
Operator : SY/AP
Sample : J3569-23
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 01:42:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 27 01:37:29 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Manual Integrations APPROVED
MMDadoda
6/28/2018 3:08:06 PM



TIC: VW003570.D

(20) 2-Butanone-d5 (S)

7.306min (+0.213) 0.10ug/L

response 134

Ion	Exp%	Act%
46.00	100	100
77.00	25.80	29.10
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062618\
Data File : VW003570.D
Acq On : 26 Jun 2018 11:07
Operator : SY/AP
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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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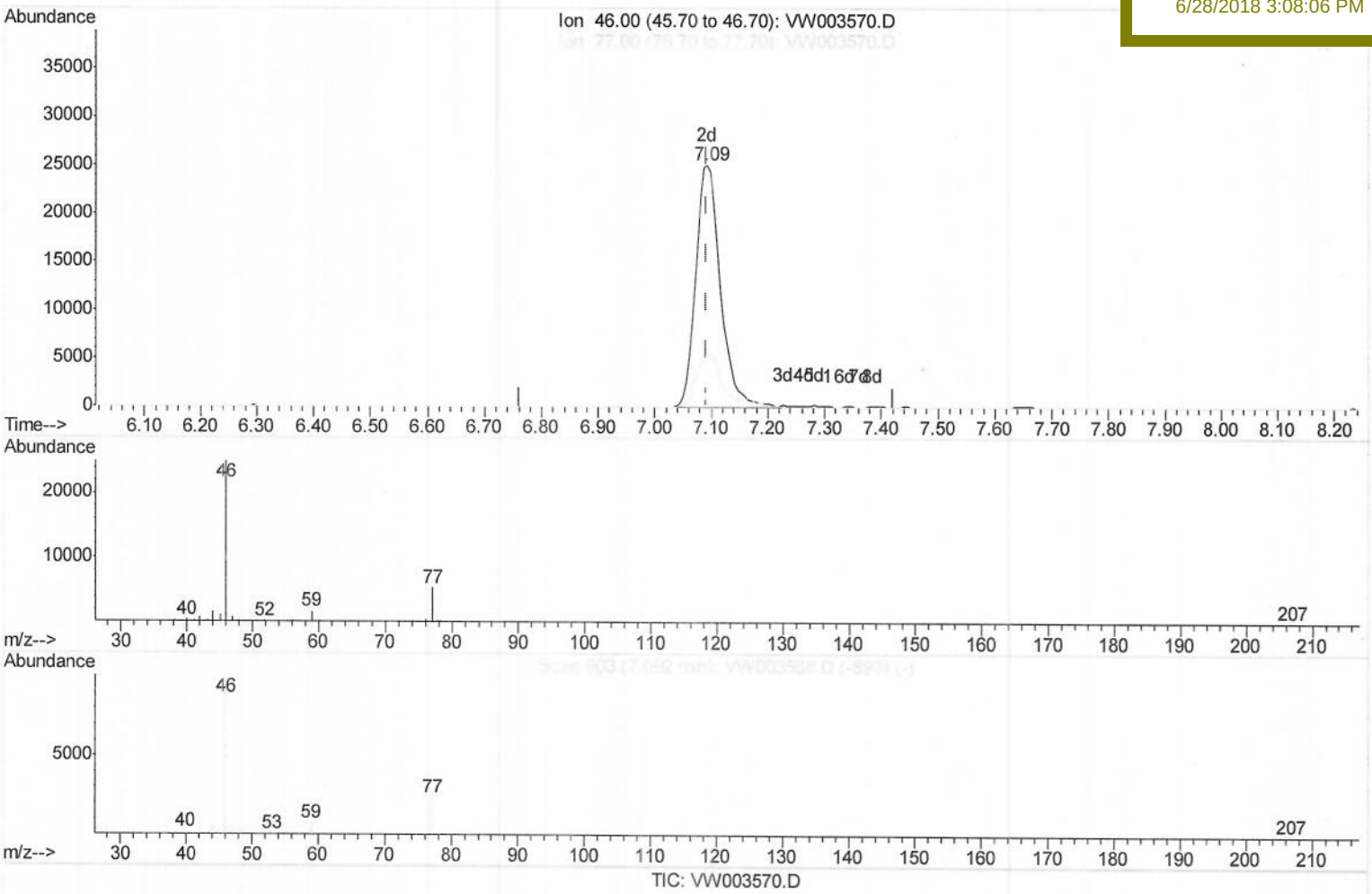
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 27 01:37:29 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Manual Integrations APPROVED
MMDadoda
6/28/2018 3:08:06 PM



TIC: VW003570.D

(20) 2-Butanone-d5 (S)

7.092min (+0.000) 57.91ug/L m

response 76707

MD 06/30/18

Ion	Exp%	Act%
46.00	100	100
77.00	25.80	0.05#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062618\
Data File : VW003570.D
Acq On : 26 Jun 2018 11:07
Operator : SY/AP
Sample : J3569-23
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 01:42:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 27 01:37:29 2018
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Manual Integrations APPROVED
MMDadoda
6/28/2018 3:08:06 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	309941	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	295058	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	139906	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	81395	19.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.44%			
7) Chloroethane-d5	2.89	69	70881	20.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.84%			
10) 1,1-Dichloroethene-d2	4.00	63	131923	15.81	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.24%			
20) 2-Butanone-d5	7.09	46	76707m)	57.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.82%			
24) Chloroform-d	7.65	84	185567	22.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.04%			
26) 1,2-Dichloroethane-d4	8.31	65	116710	24.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.36%			
29) Benzene-d6	8.28	84	342736	21.89	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.56%			
33) 1,2-Dichloropropane-d6	9.28	67	113690	22.94	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.76%			
37) Toluene-d8	10.33	98	315339	21.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.28%			
38) trans-1,3-Dichloropropene-	10.59	79	48700	20.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.72%			
39) 2-Hexanone-d5	10.93	63	53803	53.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.24%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	114697	24.88	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.52%			
61) 1,2-Dichlorobenzene-d4	13.87	152	124465	23.55	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.20%			
Target Compounds						Qvalue
16) Methylene chloride	4.90	84	10597	2.481	ug/L	96

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

JMD 06/30/18