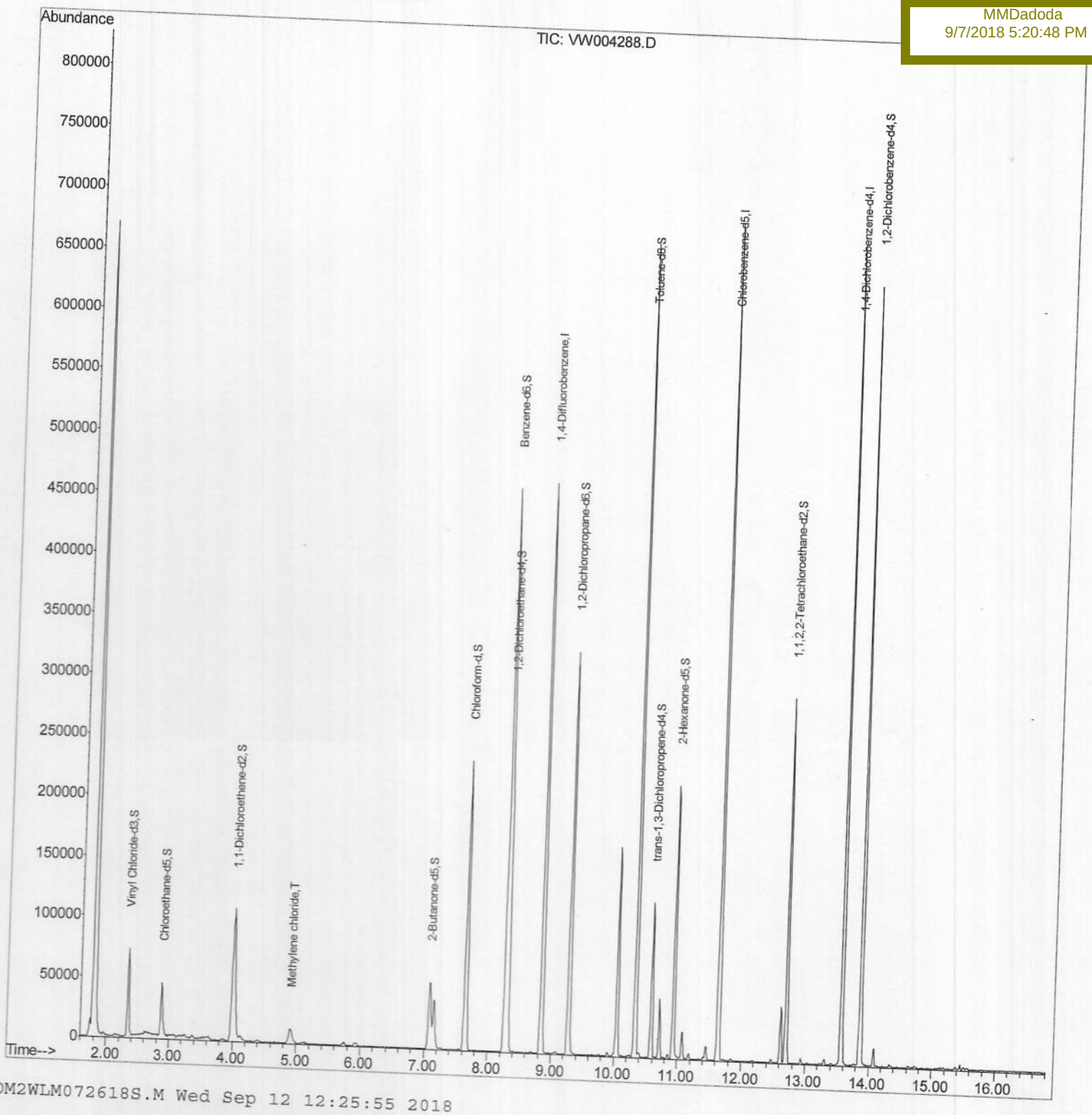
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\2018\VW072918\
Data File : VW004288.D
Acq On : 27 Jul 2018 23:39
Operator : SY/AP
Sample : VW0729SBL02
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 07 17:27:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 07 09:34:04 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VBLK90

Manual Integrations APPROVED
MMDadoda
9/7/2018 5:20:48 PM



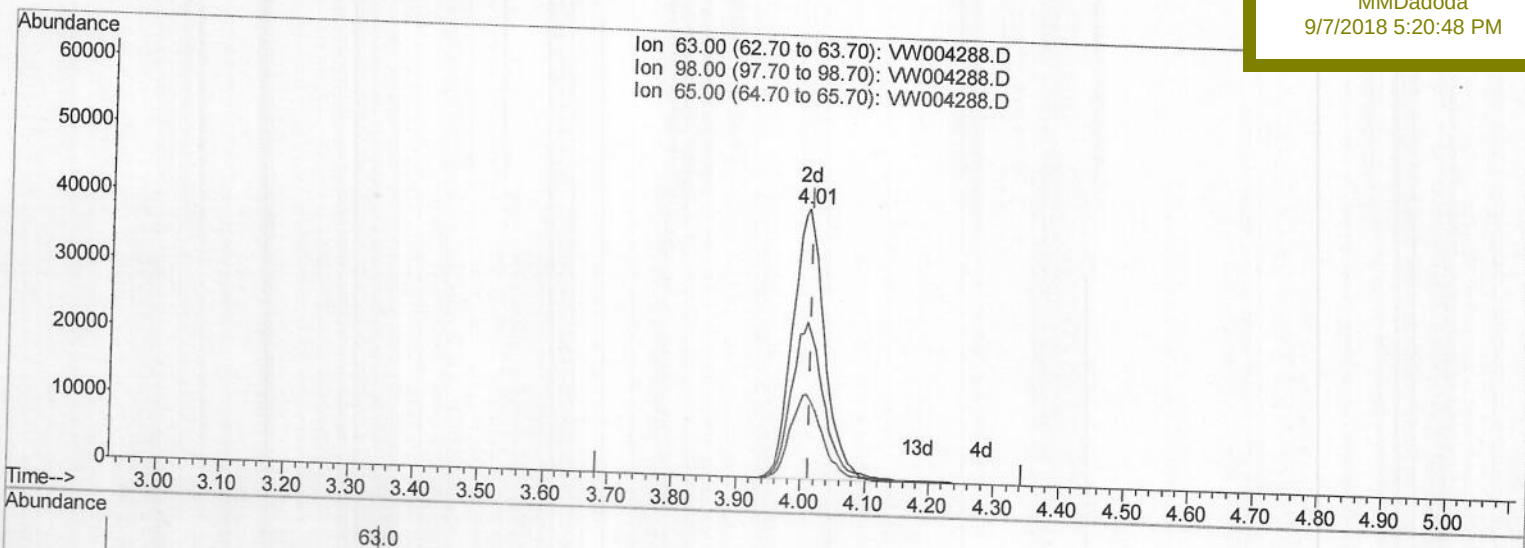
Quantitation Report (Qedit)

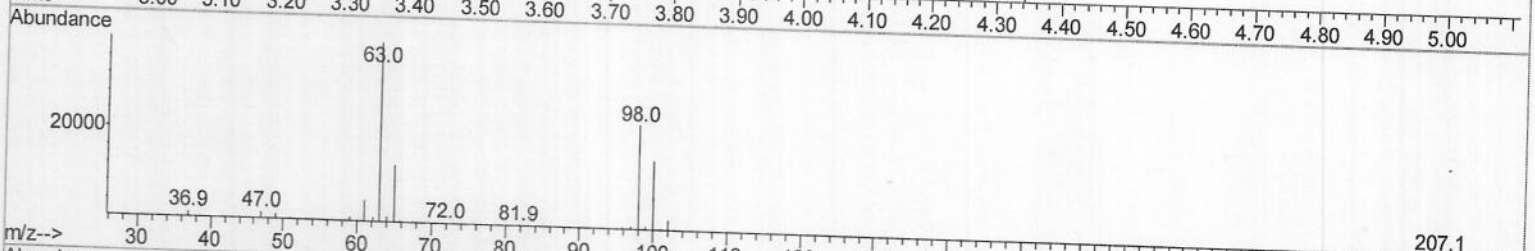
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\2018\VW072918\
Data File : VW004288.D
Acq On : 27 Jul 2018 23:39
Operator : SY/AP
Sample : VW0729SBL02
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

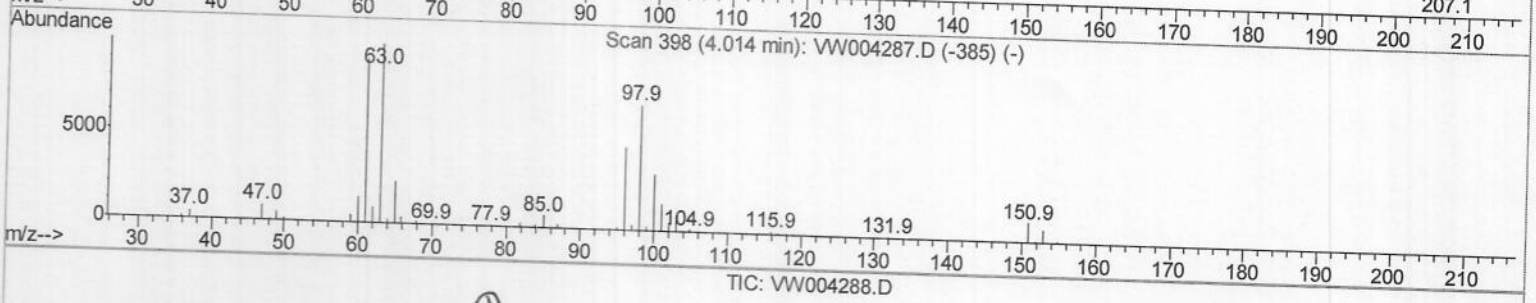
Quant Time: Sep 07 17:27:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 07 09:34:04 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VBLK90

Manual Integrations APPROVED
MMDadoda
9/7/2018 5:20:48 PM







TIC: VW004288.D

(10) 1,1-Dichloroethene-d2 (S) M.D 9/12/18

4.007min (-0.006) 14.85ug/L m

response 138300

Ion	Exp%	Act%
63.00	100	100
98.00	71.30	0.04#
65.00	23.10	0.02#
0.00	0.00	0.00

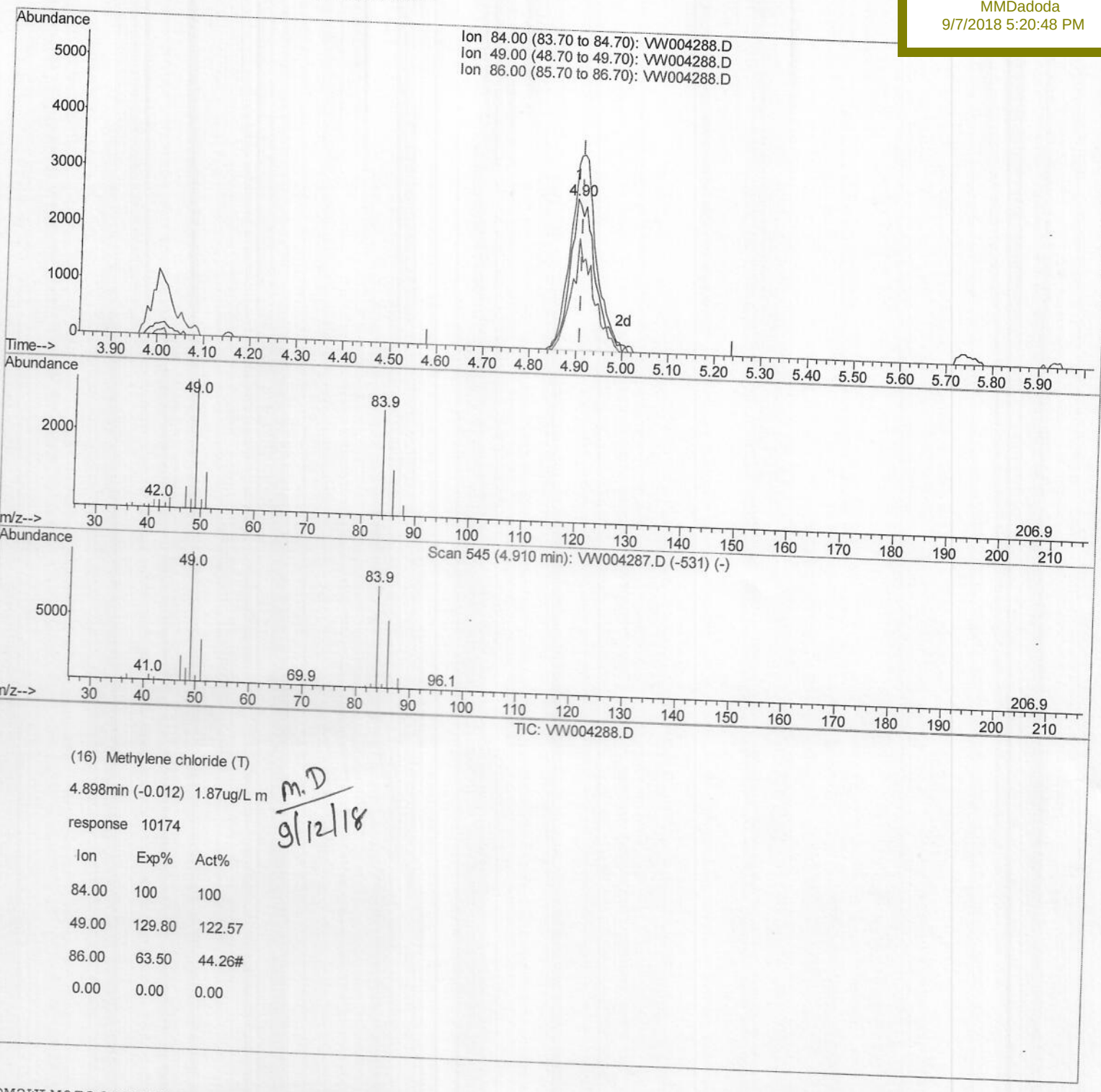
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\2018\VW072918\
Data File : VW004288.D
Acq On : 27 Jul 2018 23:39
Operator : SY/AP
Sample : VW0729SBL02
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 07 17:27:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 07 09:34:04 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VBLK90

Manual Integrations APPROVED
MMDadoda
9/7/2018 5:20:48 PM



(16) Methylene chloride (T)

4.898min (-0.012) 1.87ug/L m M.D 9/12/18

response 10174

Ion	Exp%	Act%
84.00	100	100
49.00	129.80	122.57
86.00	63.50	44.26#
0.00	0.00	0.00

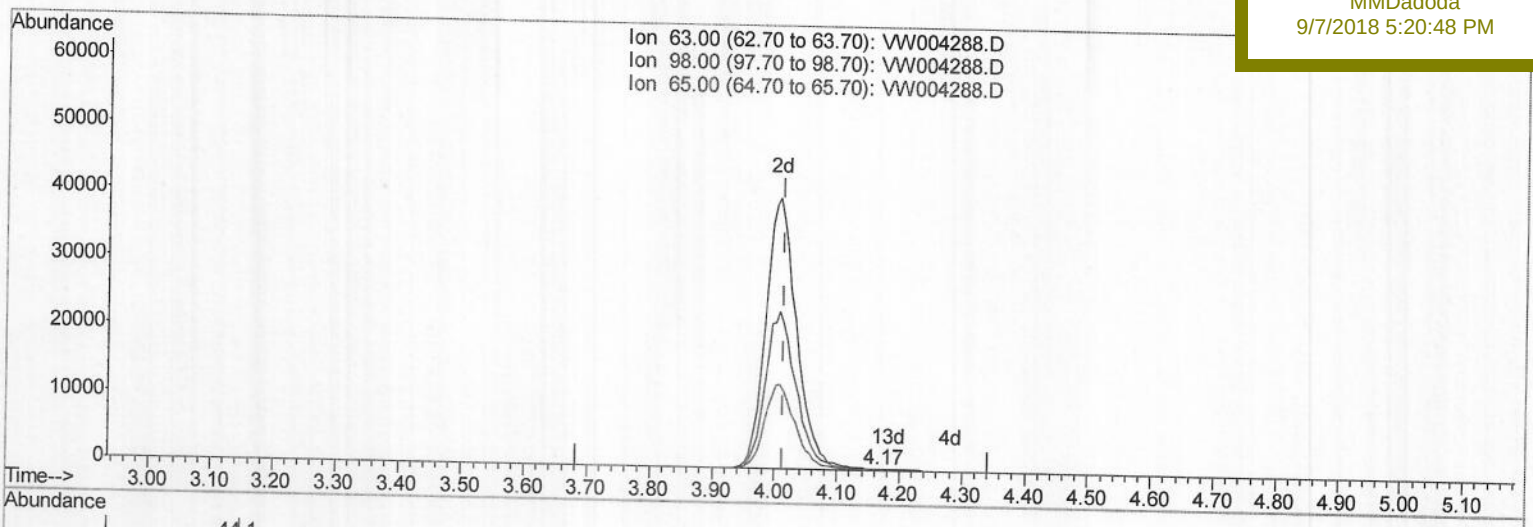
Quantitation Report (Qedit)

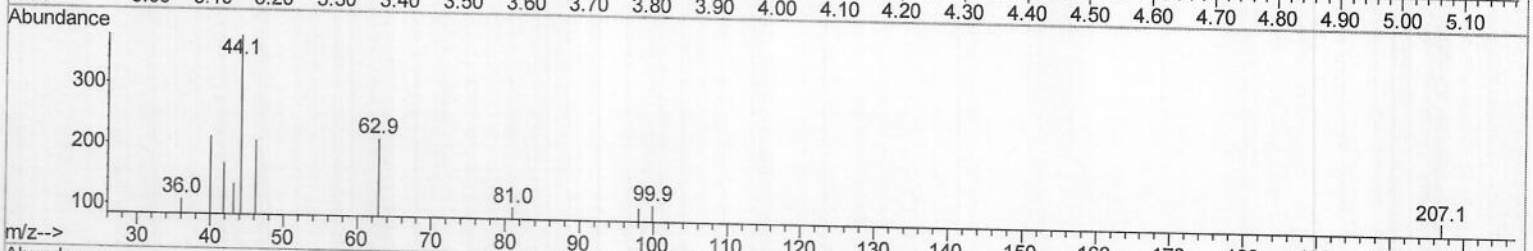
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\2018\VW072918\
Data File : VW004288.D
Acq On : 27 Jul 2018 23:39
Operator : SY/AP
Sample : VW0729SBL02
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

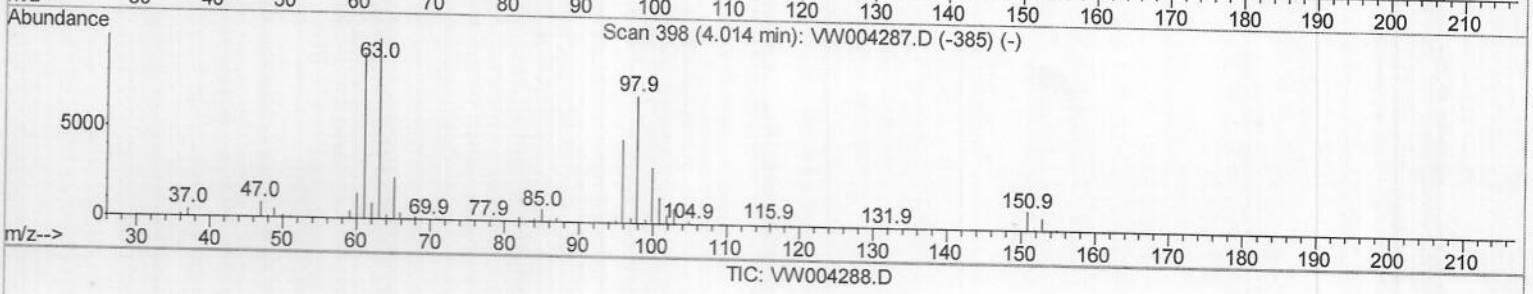
Quant Time: Sep 12 12:27:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 31 13:40:15 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VBLK90

Manual Integrations APPROVED
MMDadoda
9/7/2018 5:20:48 PM







TIC: VW004288.D

(10) 1,1-Dichloroethene-d2 (S)

4.166min (+0.152) 0.01ug/L

response 101

Ion	Exp%	Act%
63.00	100	100
98.00	71.30	51.49
65.00	23.10	29.70
0.00	0.00	0.00

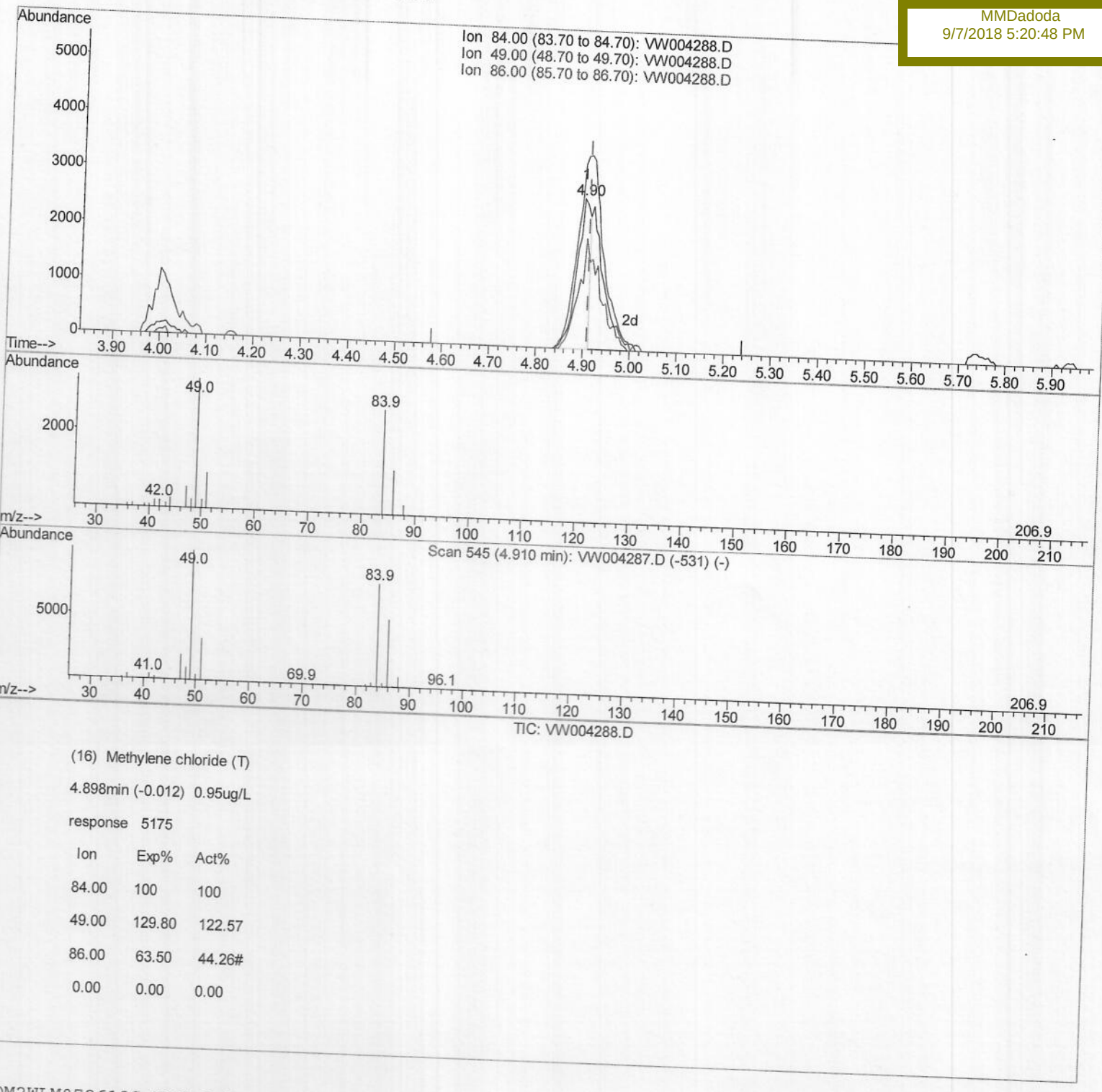
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\2018\VW072918\
Data File : VW004288.D
Acq On : 27 Jul 2018 23:39
Operator : SY/AP
Sample : VW0729SBL02
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 12 12:27:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 31 13:40:15 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VBLK90

Manual Integrations APPROVED
MMDadoda
9/7/2018 5:20:48 PM



(16) Methylene chloride (T)

4.898min (-0.012) 0.95ug/L

response 5175

Ion	Exp%	Act%
84.00	100	100
49.00	129.80	122.57
86.00	63.50	44.26#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\2018\VW072918\
Data File : VW004288.D
Acq On : 27 Jul 2018 23:39
Operator : SY/AP
Sample : VW0729SBL02
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 07 17:27:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 07 09:34:04 2018
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : VBLK90

Manual Integrations APPROVED
MMDadoda
9/7/2018 5:20:48 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	387543	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	377806	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	173586	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.34	65	79452	20.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.44%			
7) Chloroethane-d5	2.88	69	56368	19.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.44%			
10) 1,1-Dichloroethene-d2	4.01	63	138300m	14.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 59.40%			
20) 2-Butanone-d5	7.08	46	94337	42.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.42%			
24) Chloroform-d	7.65	84	240961	24.28	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.12%			
26) 1,2-Dichloroethane-d4	8.31	65	149009	24.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.88%			
29) Benzene-d6	8.27	84	472642	23.61	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.44%			
33) 1,2-Dichloropropane-d6	9.27	67	161254	24.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.84%			
37) Toluene-d8	10.33	98	443640	23.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.76%			
38) trans-1,3-Dichloropropene-	10.58	79	67343	22.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.12%			
39) 2-Hexanone-d5	10.93	63	71263	40.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.44%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	153642	22.59	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.36%			
61) 1,2-Dichlorobenzene-d4	13.86	152	167385	25.80	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
16) Methylene chloride	4.90	84	10174m	1.872	ug/L	

M.D 9/12/18

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

M.D 9/12/18