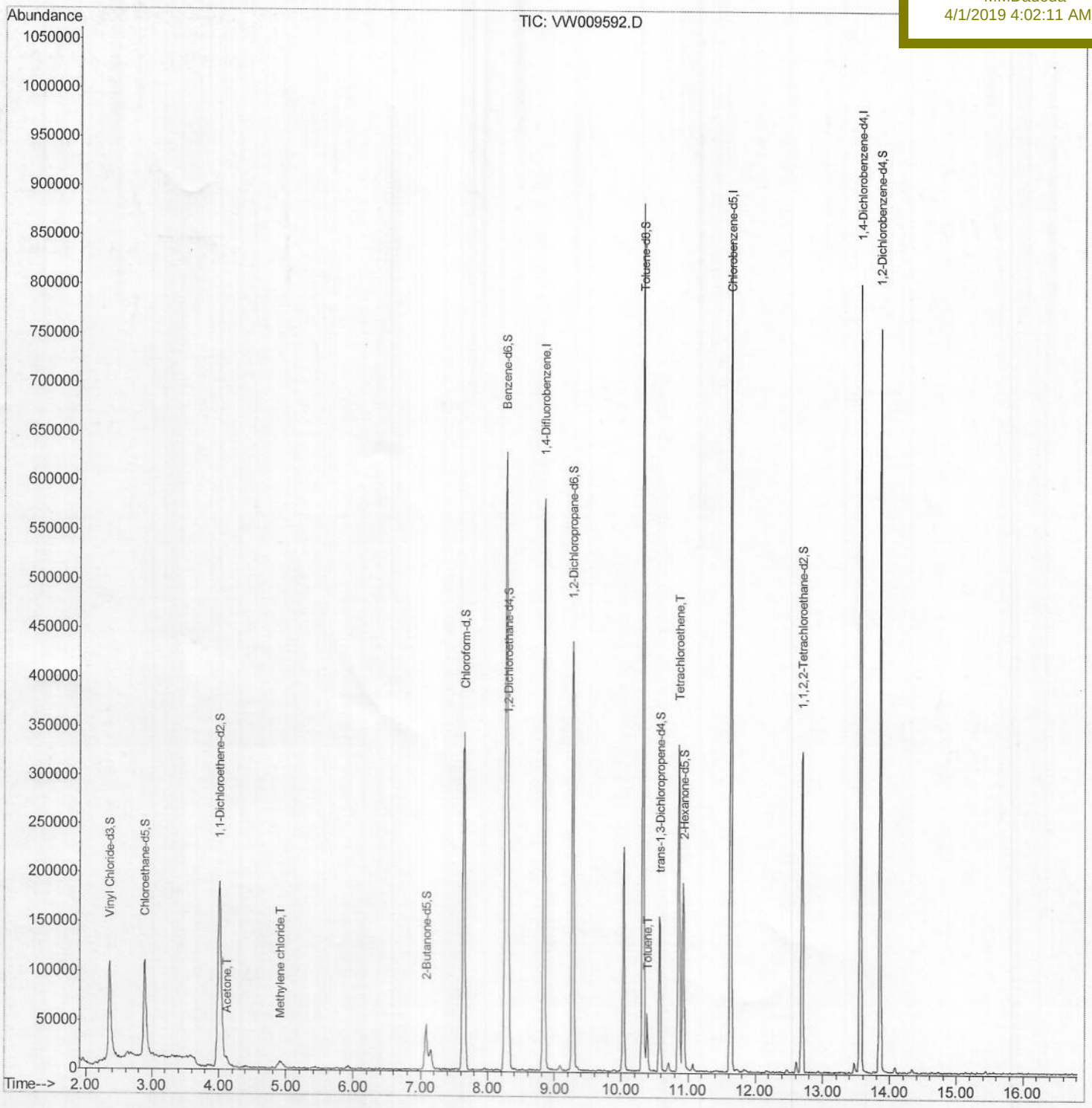
Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033019\
Data File : VW009592.D
Acq On : 30 Mar 2019 16:05
Operator : SY/VA
Sample : K2167-07
Misc : 6.42G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 17 01:26:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 21:16:55 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF108

Manual Integrations APPROVED
MMDadoda
4/1/2019 4:02:11 AM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
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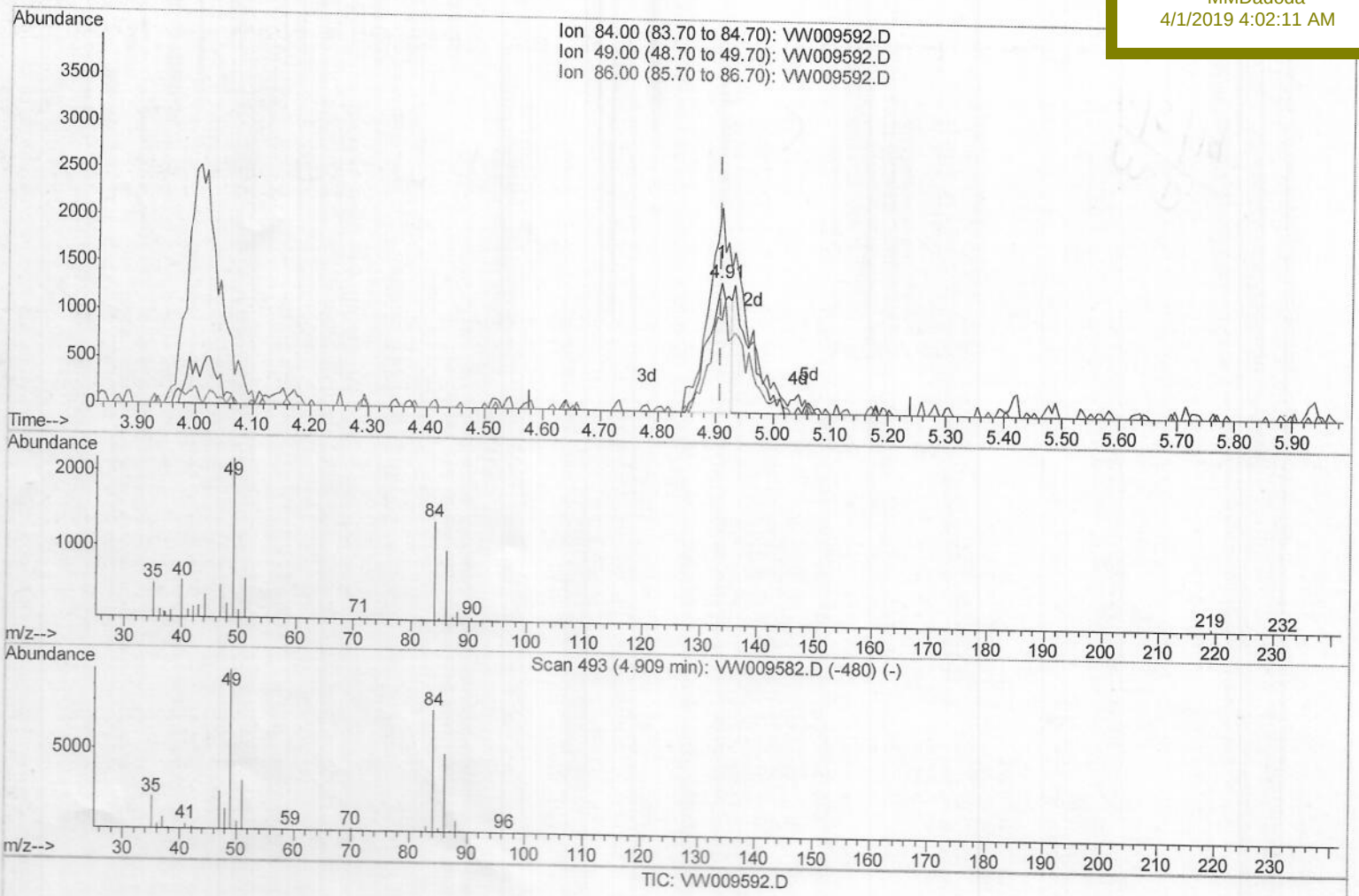

TIC: VW009592.D

(16) Methylene chloride (T)

4.909min (+0.000) 0.57ug/L

response 3723

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	157.47
86.00	63.50	70.94
0.00	0.00	0.00

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MSVOA_W
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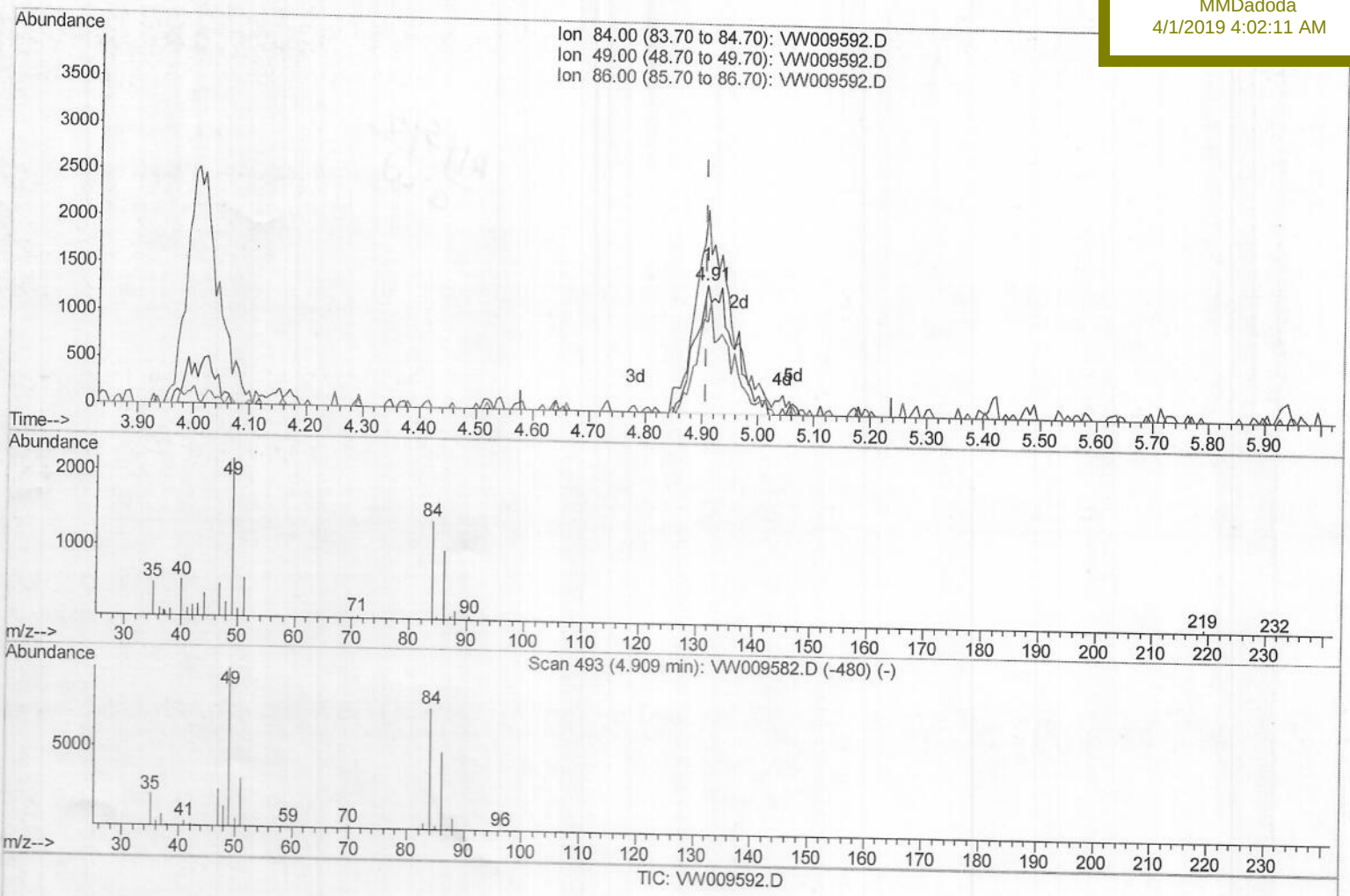
Manual Integrations APPROVED
MMDadoda
4/1/2019 4:02:11 AM



TIC: VW009592.D

(16) Methylene chloride (T)

4.909min (+0.000) 0.99ug/L m

response 6458

M.D 4/7/19

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	157.47
86.00	63.50	70.94
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

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Data File : VW009592.D
Acq On : 30 Mar 2019 16:05
Operator : SY/VA
Sample : K2167-07
Misc : 6.42G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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Quant Title : VOC Analysis
QLast Update : Sat Mar 30 21:16:55 2019
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : BF108

Manual Integrations APPROVED
MMDadoda
4/1/2019 4:02:11 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	448698	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	430701	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187740	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	165953	30.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 123.80%			
7) Chloroethane-d5	2.89	69	150647	24.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.04%			
10) 1,1-Dichloroethene-d2	4.01	63	243481	21.01	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.04%			
20) 2-Butanone-d5	7.07	46	76684	34.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 69.16%			
24) Chloroform-d	7.64	84	319890	26.12	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.48%			
26) 1,2-Dichloroethane-d4	8.31	65	186658	25.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.20%			
29) Benzene-d6	8.27	84	606872	25.55	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.20%			
33) 1,2-Dichloropropane-d6	9.27	67	183085	25.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.64%			
37) Toluene-d8	10.32	98	545751	24.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.40%			
38) trans-1,3-Dichloropropene-	10.58	79	76004	21.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.84%			
39) 2-Hexanone-d5	10.93	63	54108	31.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 62.62%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	143445	20.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.68%			
61) 1,2-Dichlorobenzene-d4	13.85	152	184681	25.65	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.60%			
Target Compounds						Qvalue
13) Acetone	4.12	43	12549	6.901	ug/L	94
16) Methylene chloride	4.91	84	6458m	0.987	ug/L	
44) Toluene	10.39	91	40507	1.572	ug/L	92
47) Tetrachloroethene	10.86	164	69241	13.046	ug/L	100

M.D 4/7/19

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