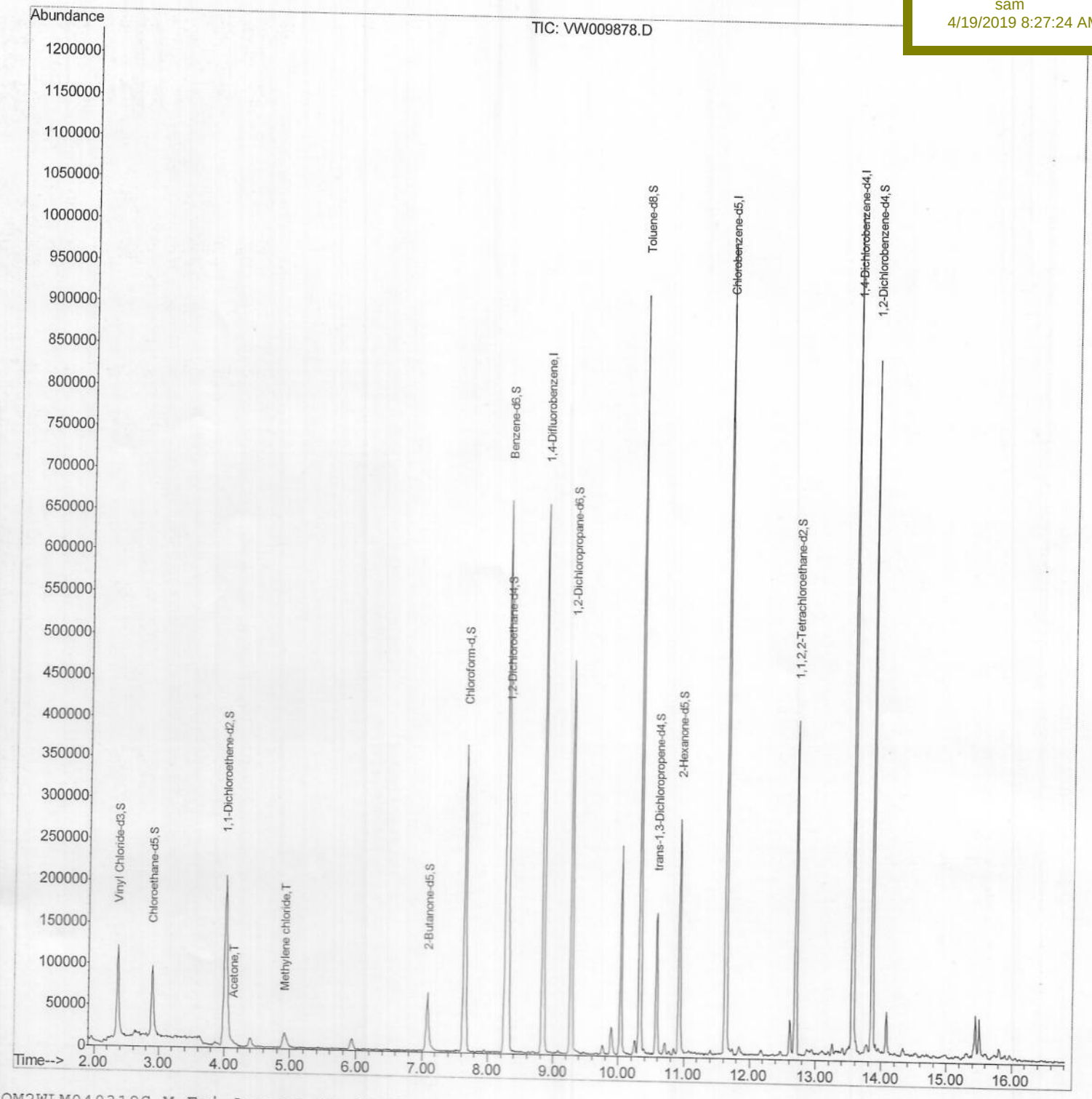
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040819\
Data File : VW009878.D
Acq On : 10 Apr 2019 12:23
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 11 02:22:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 08:15:04 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VIBLK05

Manual Integrations APPROVED
sam
4/19/2019 8:27:24 AM



SOM2WLM040319S.M Fri Apr 19 05:49:40 2019

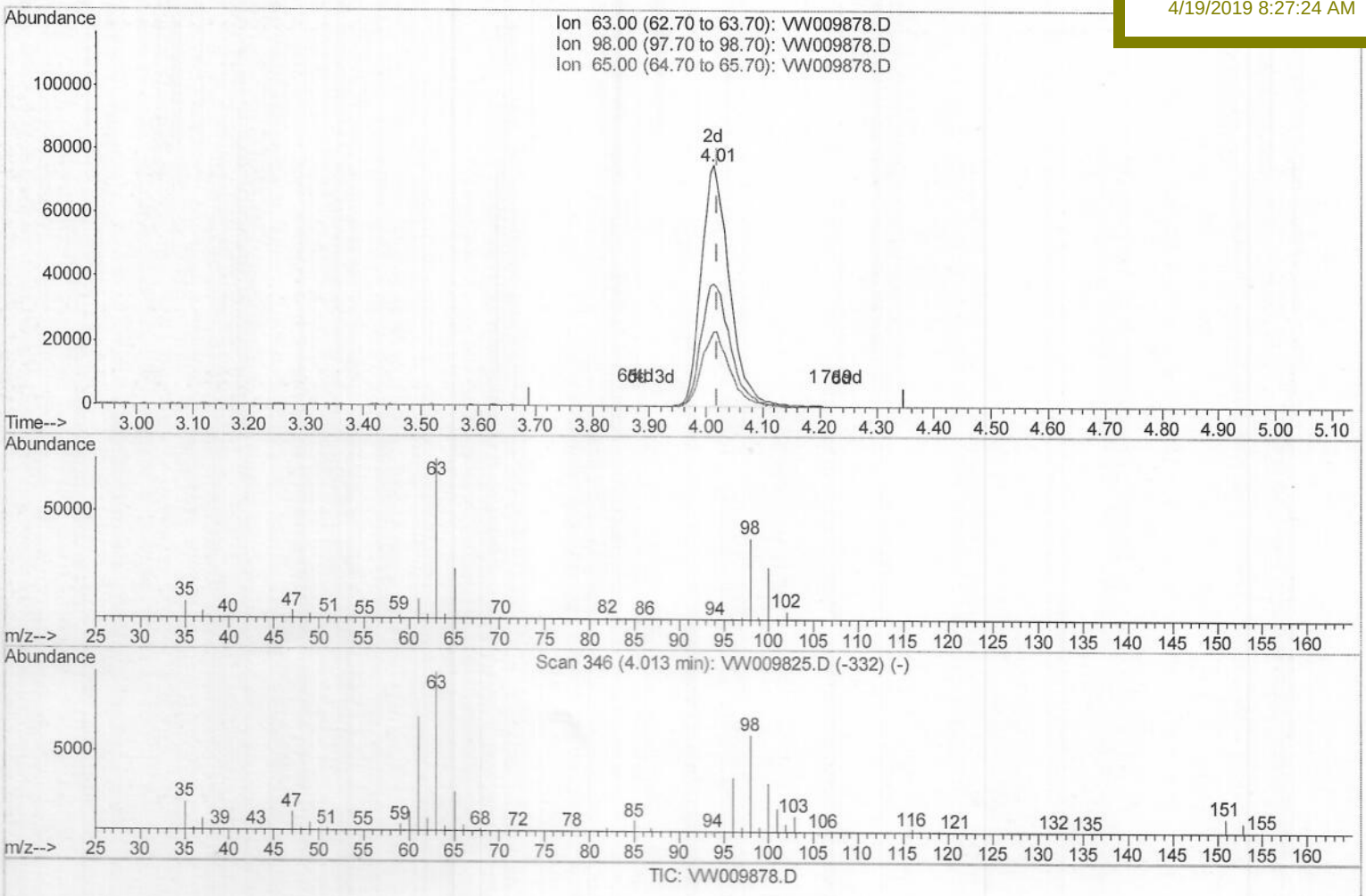
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040819\
Data File : VW009878.D
Acq On : 10 Apr 2019 12:23
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 11 02:22:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 08:15:04 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VIBLK05

Manual Integrations APPROVED
sam
4/19/2019 8:27:24 AM



TIC: VW009878.D

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

4.013min (-0.006) 18.08ug/L m

response 258510

Ion	Exp%	Act%
63.00	100	100
98.00	69.10	0.09#
65.00	21.80	0.03#
0.00	0.00	0.00

3 M.D. 04/19/19

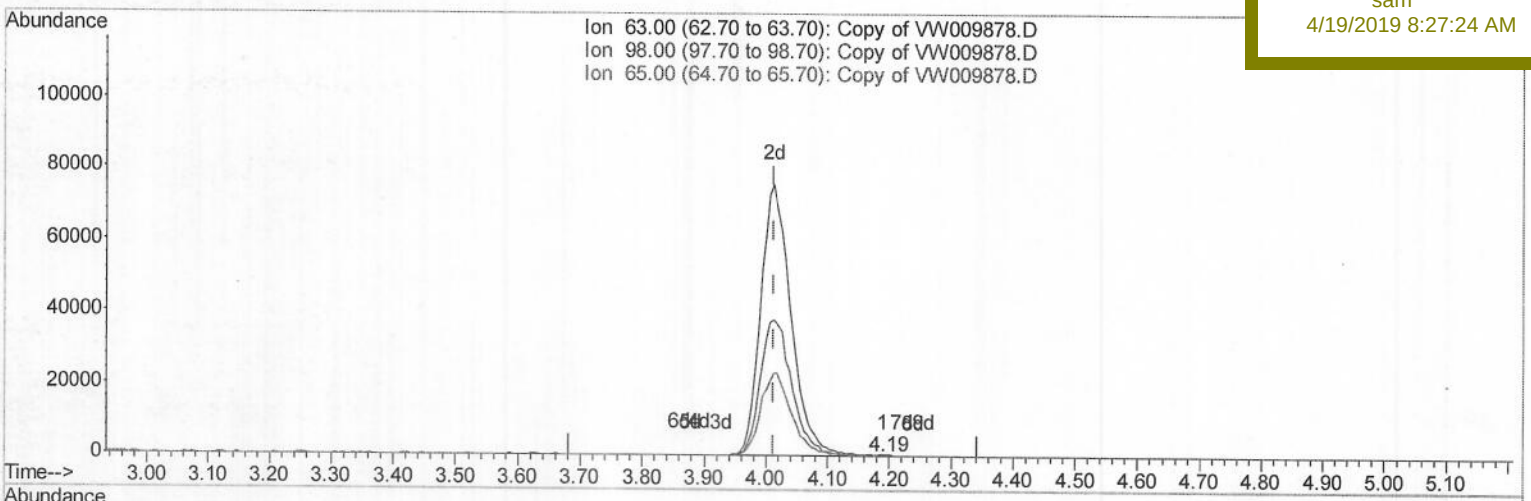
Quantitation Report (Qedit)

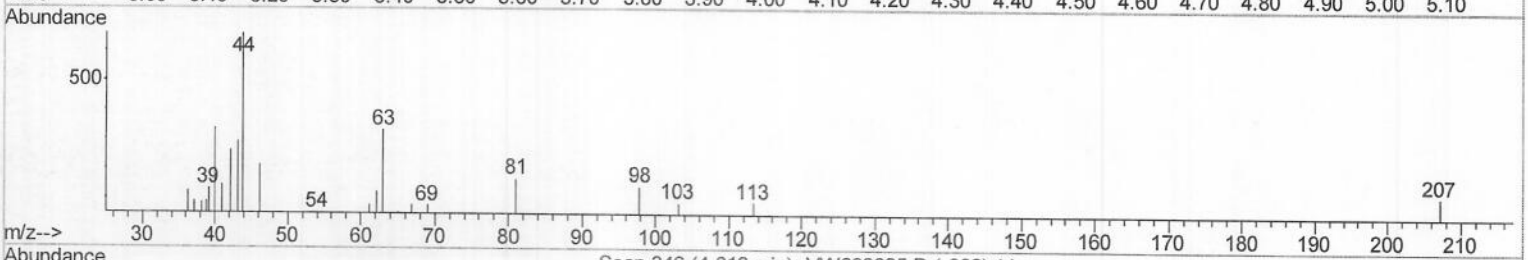
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040819\
Data File : VW009878.D
Acq On : 10 Apr 2019 12:23
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

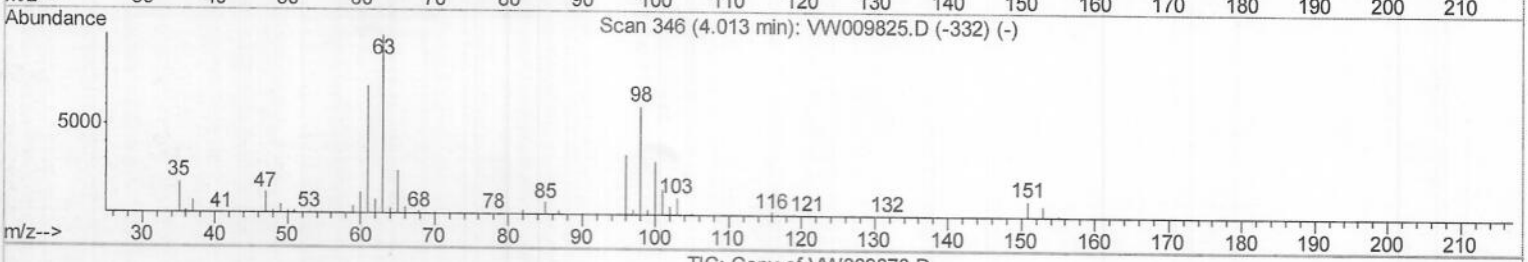
Quant Time: Apr 19 05:52:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 15 09:14:36 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VIBLK05

Manual Integrations APPROVED
sam
4/19/2019 8:27:24 AM







TIC: Copy of VW009878.D

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

4.190min (+0.177) 0.03ug/L

response 364

Ion	Exp%	Act%
63.00	100	100
98.00	69.10	60.44
65.00	21.80	24.18
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040819\
Data File : VW009878.D
Acq On : 10 Apr 2019 12:23
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 11 02:22:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 08:15:04 2019
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Manual Integrations APPROVED
sam
4/19/2019 8:27:24 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	508159	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	495446	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	238998	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	154029	23.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.64%			
7) Chloroethane-d5	2.89	69	120519	19.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.12%			
10) 1,1-Dichloroethene-d2	4.01	63	258510m	18.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 72.32%			
20) 2-Butanone-d5	7.07	46	117360	54.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.72%			
24) Chloroform-d	7.65	84	341665	24.64	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.56%			
26) 1,2-Dichloroethane-d4	8.31	65	217177	25.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.04%			
29) Benzene-d6	8.27	84	628170	24.15	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.60%			
33) 1,2-Dichloropropane-d6	9.27	67	199012	24.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.08%			
37) Toluene-d8	10.32	98	558904	23.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.96%			
38) trans-1,3-Dichloropropene-	10.58	79	86701	22.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.52%			
39) 2-Hexanone-d5	10.93	63	78915	52.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.24%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	182868	24.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.96%			
61) 1,2-Dichlorobenzene-d4	13.86	152	204886	24.43	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.72%			
Target Compounds						Qvalue
13) Acetone	4.13	43	6257	2.705	ug/L	88
16) Methylene chloride	4.90	84	16734	1.867	ug/L	89

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

3 M.D. 04/19/19