Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041119\

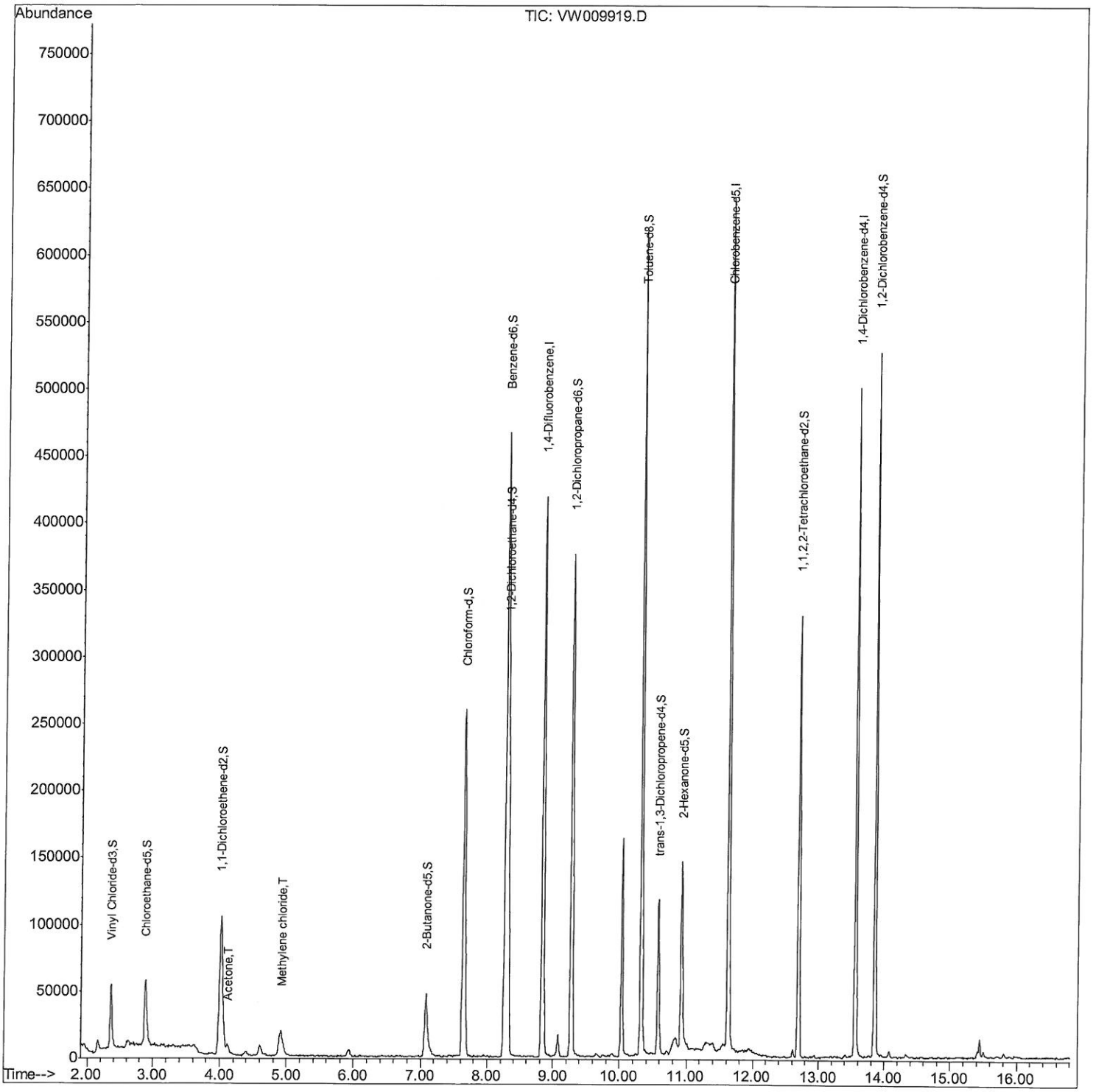
Quantitation Report (QT Reviewed)

Data File : VW009919.D
Acq On : 11 Apr 2019 17:11
Operator : SY/VA
Sample : K2303-14
Misc : 5.61G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 12 03:52:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:59:20 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF882

Manual Integrations APPROVED
MMDadoda
4/15/2019 12:30:30 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041119\

Quantitation Report (Qedit)

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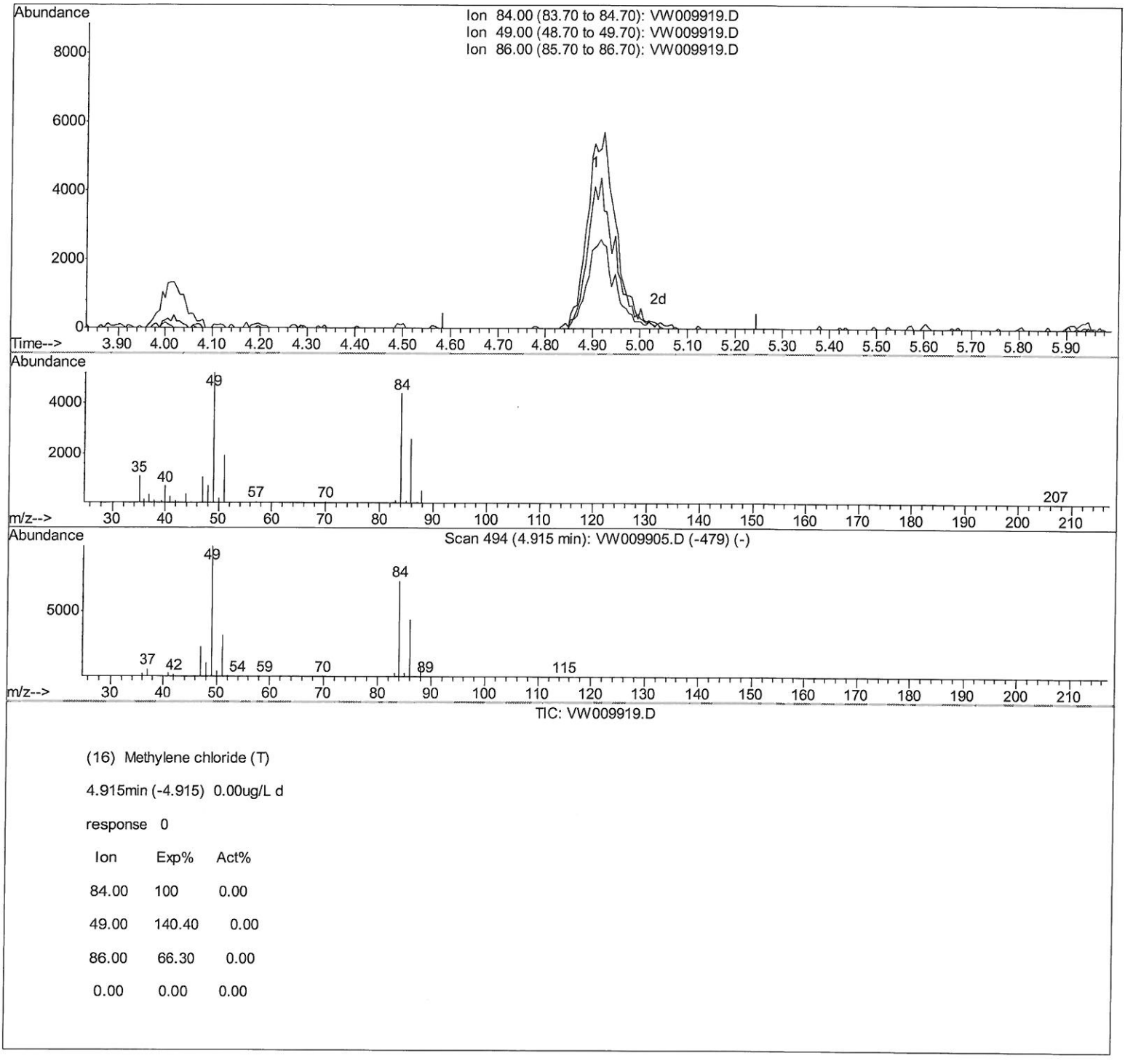
MMDadoda
4/15/2019 12:30:30 AM

Quant Time: Apr 12 03:50:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:59:20 2019
Response via : Initial Calibration



(16) Methylene chloride (T)

4.915min (-4.915) 0.00ug/L d

response 0

Ion	Exp%	Act%
84.00	100	0.00
49.00	140.40	0.00
86.00	66.30	0.00
0.00	0.00	0.00

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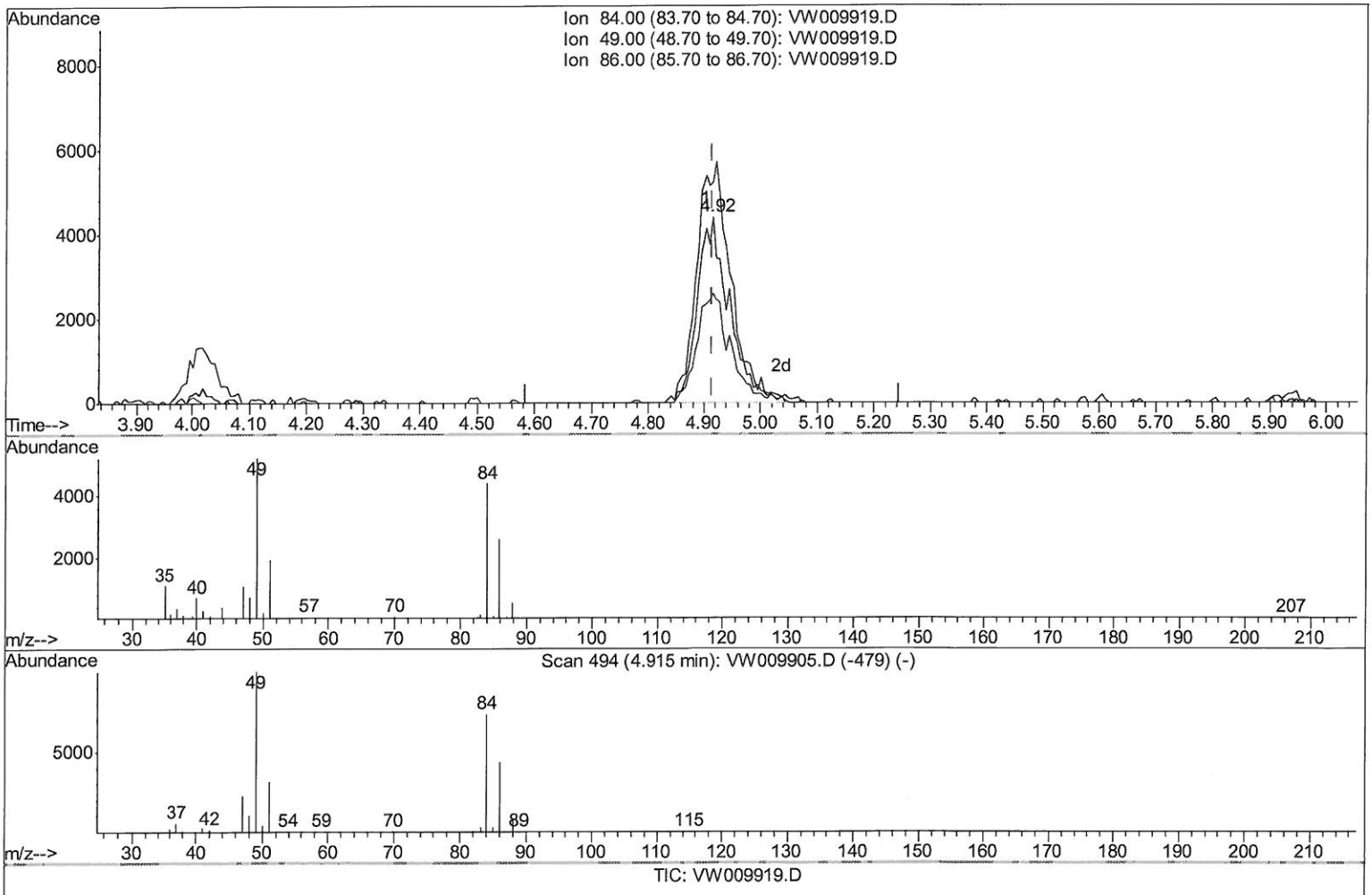
MMDadoda
4/15/2019 12:30:30 AM



TIC: VW009919.D

(16) Methylene chloride (T)

4.916min (+0.000) 3.07ug/L m

response 17073

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	118.78
86.00	66.30	58.93
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041119\

Quantitation Report (Qedit)

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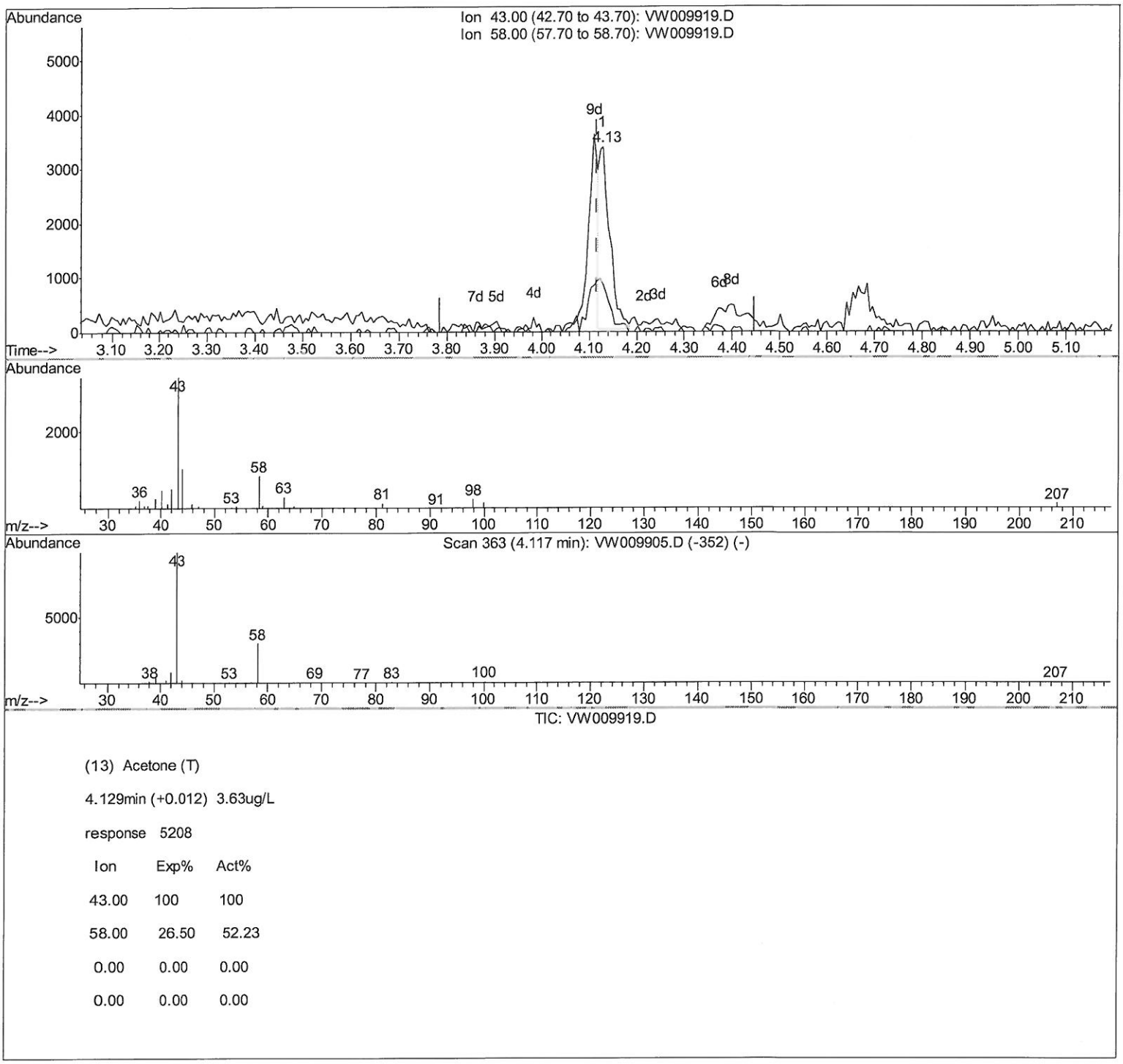
Acq On : 11 Apr 2019 17:11
Operator : SY/VA
Sample : K2303-14
Misc : 5.61G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 12 03:50:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:59:20 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BF882

Manual Integrations APPROVED
MMDadoda
4/15/2019 12:30:30 AM



(13) Acetone (T)

4.129min (+0.012) 3.63ug/L

response 5208

Ion	Exp%	Act%
43.00	100	100
58.00	26.50	52.23
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041119\

Quantitation Report (Qedit)

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Operator : SY/VA
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Misc : 5.61G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 12 03:50:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:59:20 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
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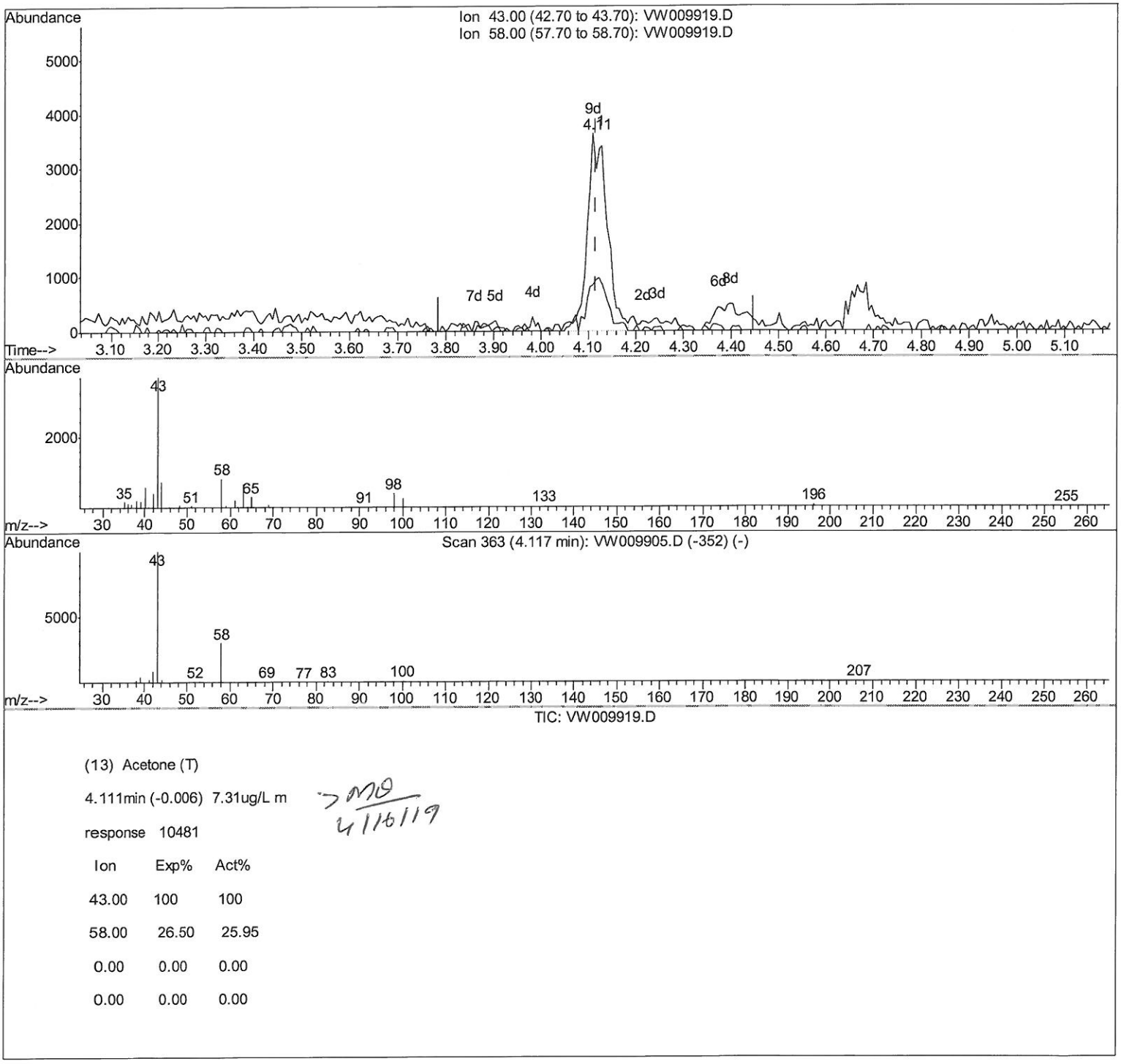
Manual Integrations APPROVED
MMDadoda
4/15/2019 12:30:30 AM



TIC: VW009919.D

(13) Acetone (T)

4.111min (-0.006) 7.31ug/L m

response 10481

Ion	Exp%	Act%
43.00	100	100
58.00	26.50	25.95
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041119\

Quantitation Report (QT Reviewed)

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Acq On : 11 Apr 2019 17:11
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Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:59:20 2019
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : BF882

Manual Integrations APPROVED
MMDadoda
4/15/2019 12:30:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	314992	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328635	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118018	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	61082	14.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 59.28%			
7) Chloroethane-d5	2.89	69	69231	18.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.32%			
10) 1,1-Dichloroethene-d2	4.01	63	132087	14.90	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 59.60%			
20) 2-Butanone-d5	7.07	46	79498	59.40	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.80%			
24) Chloroform-d	7.64	84	258275	30.05	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 120.20%			
26) 1,2-Dichloroethane-d4	8.31	65	178044	33.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 134.96%#			
29) Benzene-d6	8.27	84	443312	25.70	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.80%			
33) 1,2-Dichloropropane-d6	9.27	67	158572	29.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 119.04%			
37) Toluene-d8	10.32	98	374309	23.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.88%			
38) trans-1,3-Dichloropropene-	10.57	79	56958	22.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.64%			
39) 2-Hexanone-d5	10.93	63	35824	35.67	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 71.34%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	148086	29.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 119.56%			
61) 1,2-Dichlorobenzene-d4	13.86	152	132287	31.94	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 127.76%#			
Target Compounds						Qvalue
13) Acetone	4.11	43	10481m	7.309	ug/L	
16) Methylene chloride	4.92	84	17073m	3.073	ug/L	

MO 4/16/19

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