Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091819\

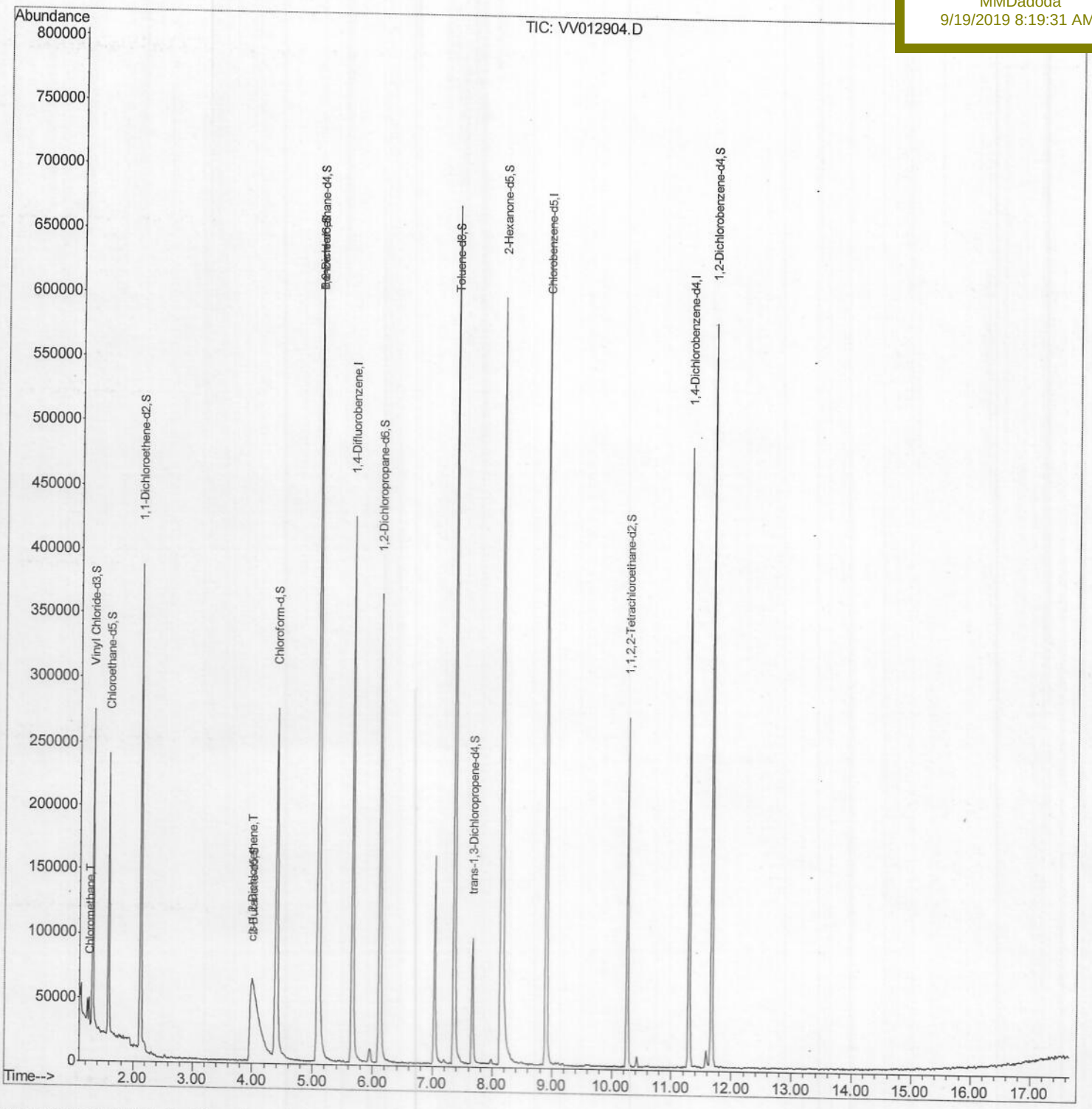
Data File : VV012904.D
Acq On : 18 Sep 2019 18:59
Operator : SY/MD
Sample : K4954-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 19 04:45:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration

Quantitation Report (QT Reviewed)

Instrument :
MSVOA_V
ClientSampleId :
CWK28

Manual Integrations APPROVED
MMDadoda
9/19/2019 8:19:31 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091819\

Quantitation Report (Qedit)

Data File : VV012904.D
Acq On : 18 Sep 2019 18:59
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 19 02:00:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
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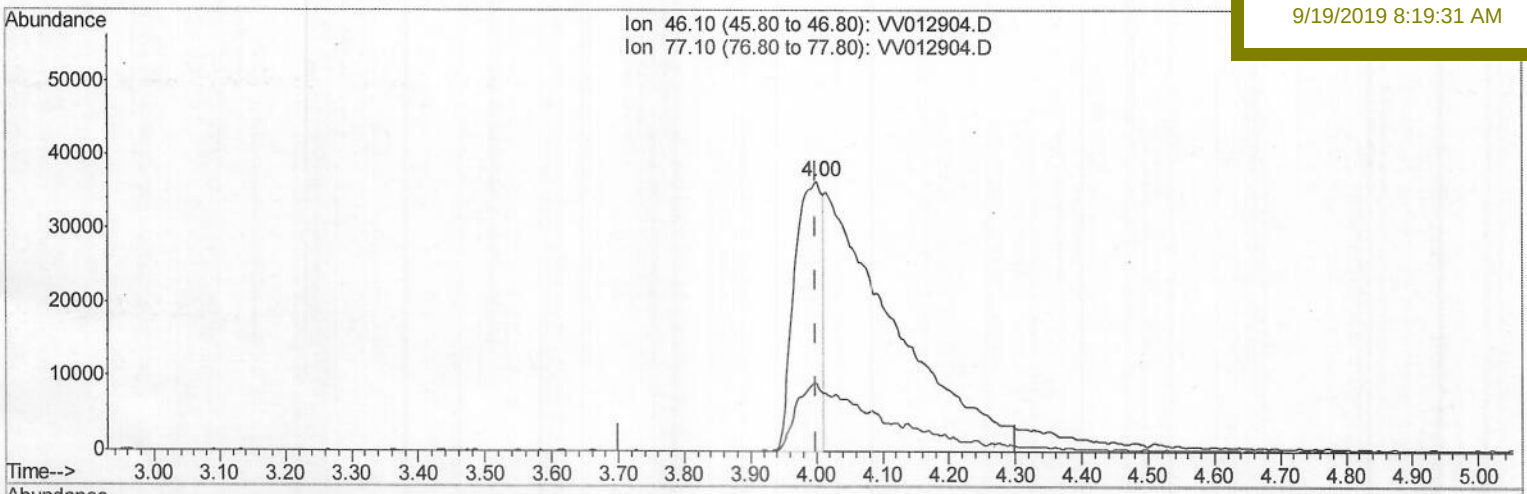

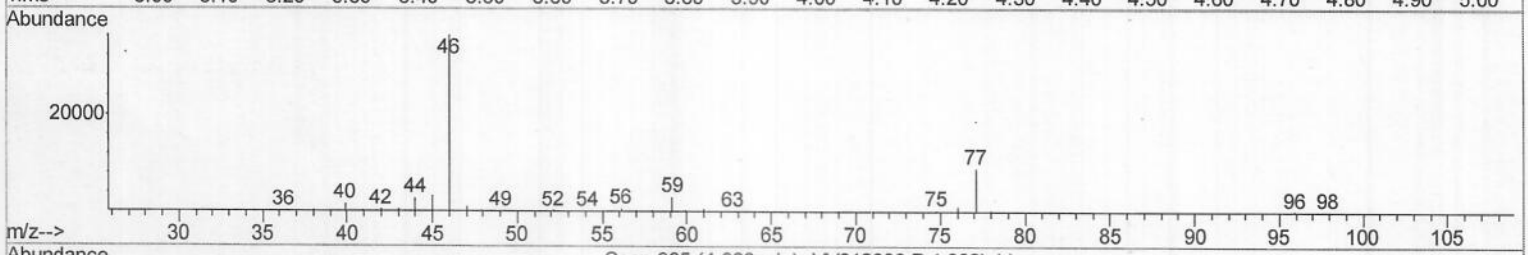

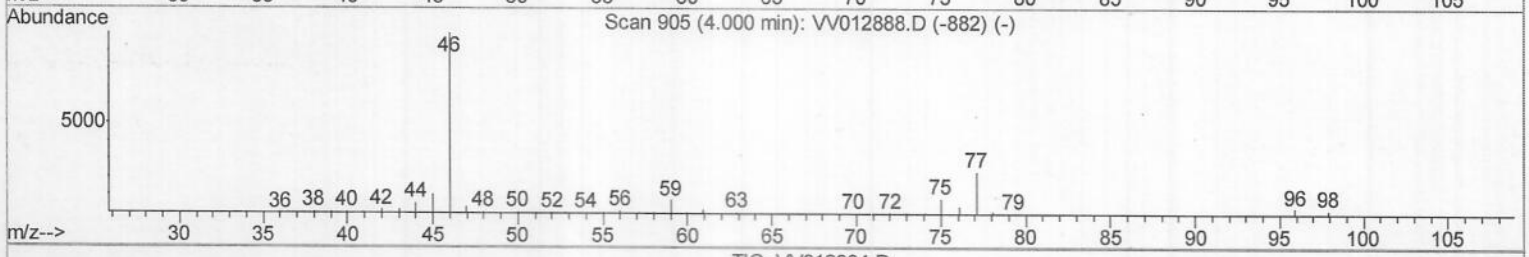

TIC: VV012904.D

(20) 2-Butanone-d5 (S)

4.000min (+0.000) 13.54ug/L

response 104475

Ion	Exp%	Act%
46.10	100	100
77.10	22.00	28.92#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091819\

Quantitation Report (Qedit)

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MSVOA_V
ClientSampleId :
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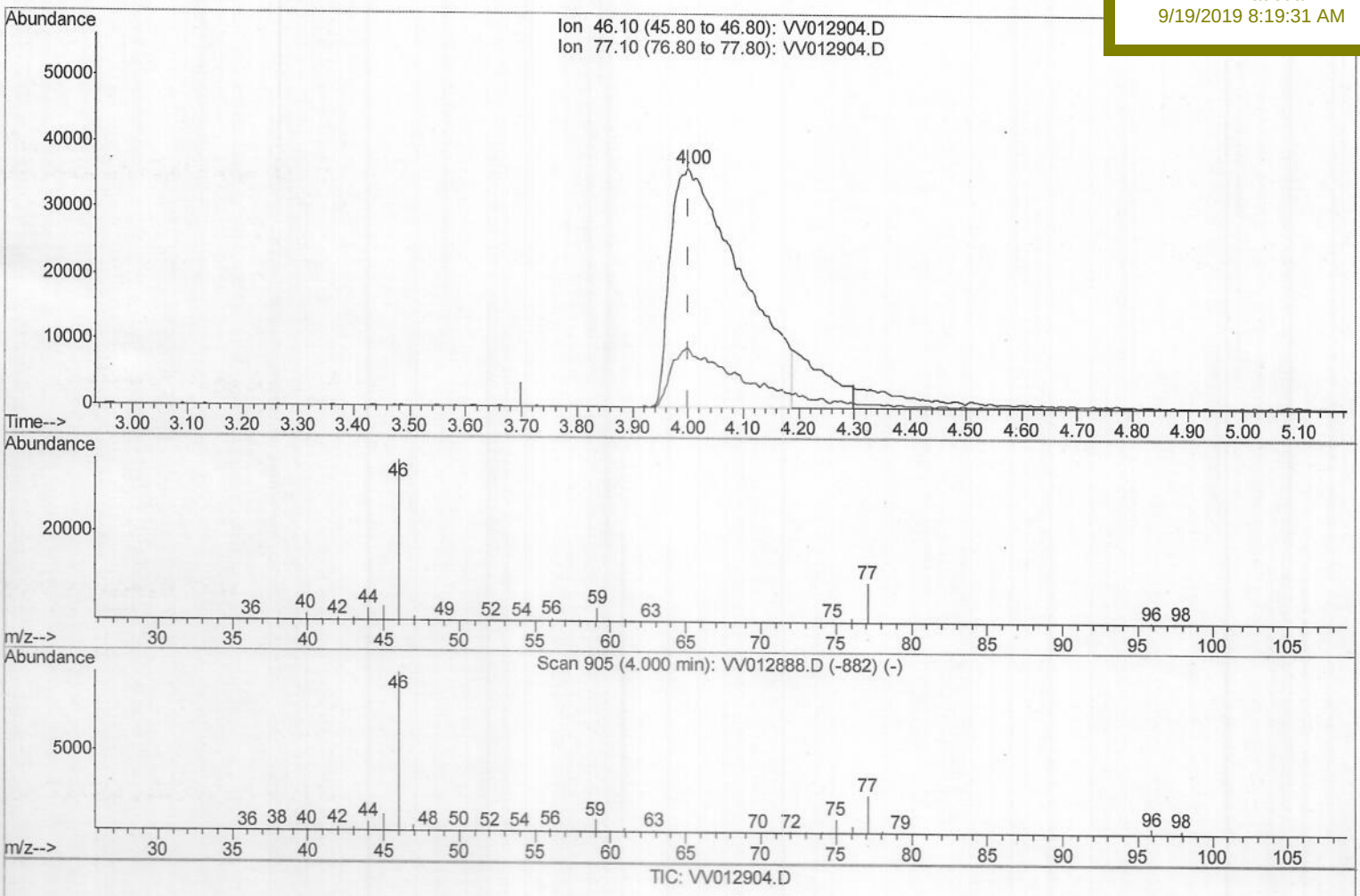
Manual Integrations APPROVED
MMDadoda
9/19/2019 8:19:31 AM



TIC: VV012904.D

(20) 2-Butanone-d5 (S)

4.000min (+0.000) 41.98ug/L m

response 323966

Ion	Exp%	Act%
46.10	100	100
77.10	22.00	9.33#
0.00	0.00	0.00
0.00	0.00	0.00

> M.D 09/27/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091819\

Quantitation Report (Qedit)

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MSVOA_V
ClientSampleId :
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Manual Integrations APPROVED
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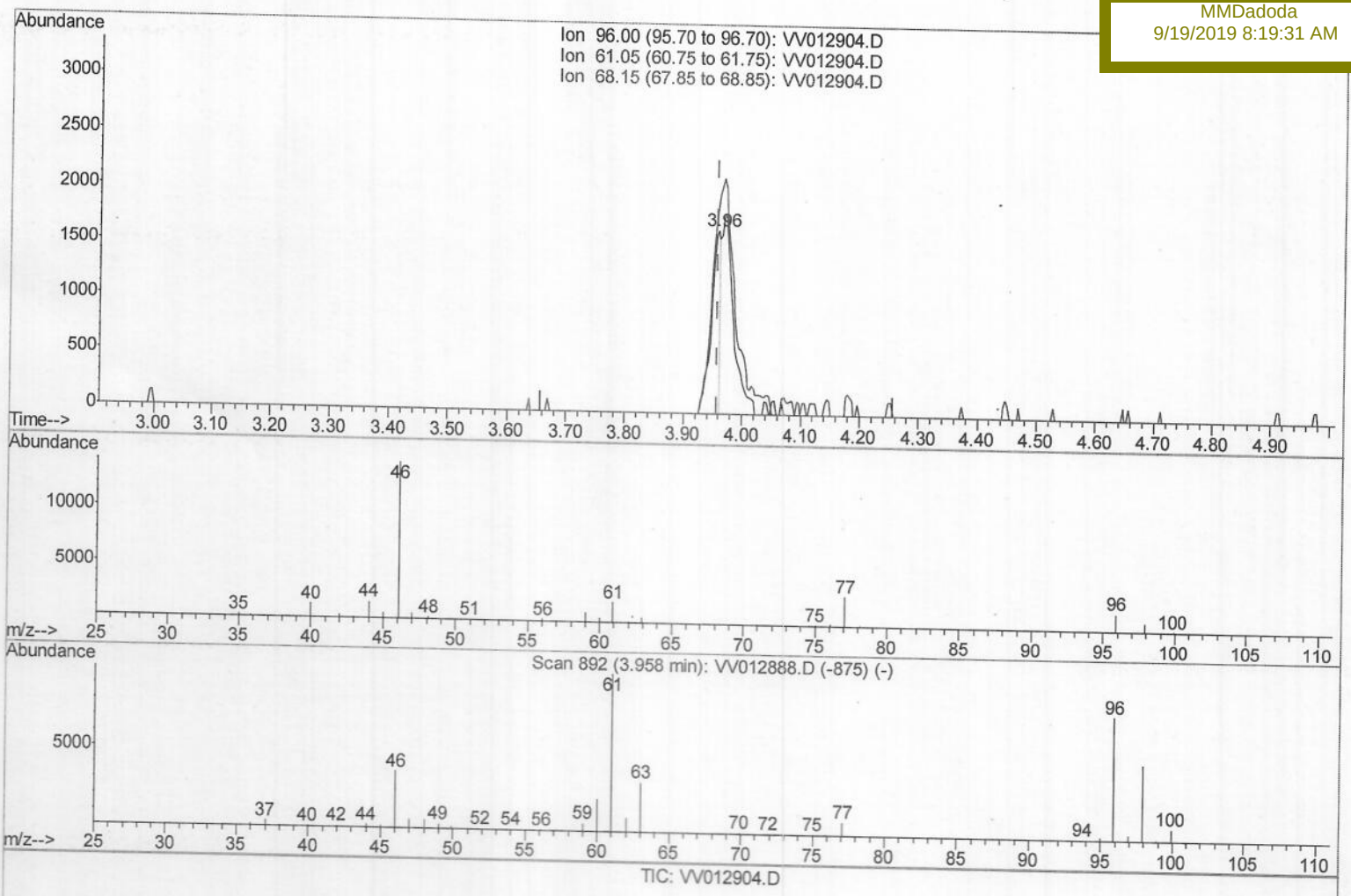
9/19/2019 8:19:31 AM



TIC: VV012904.D

(22) cis-1,2-Dichloroethene (T)

3.958min (+0.000) 0.07ug/L

response 1789

Ion	Exp%	Act%
96.00	100	100
61.05	131.20	115.27
68.15	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091819\

Quantitation Report (Qedit)

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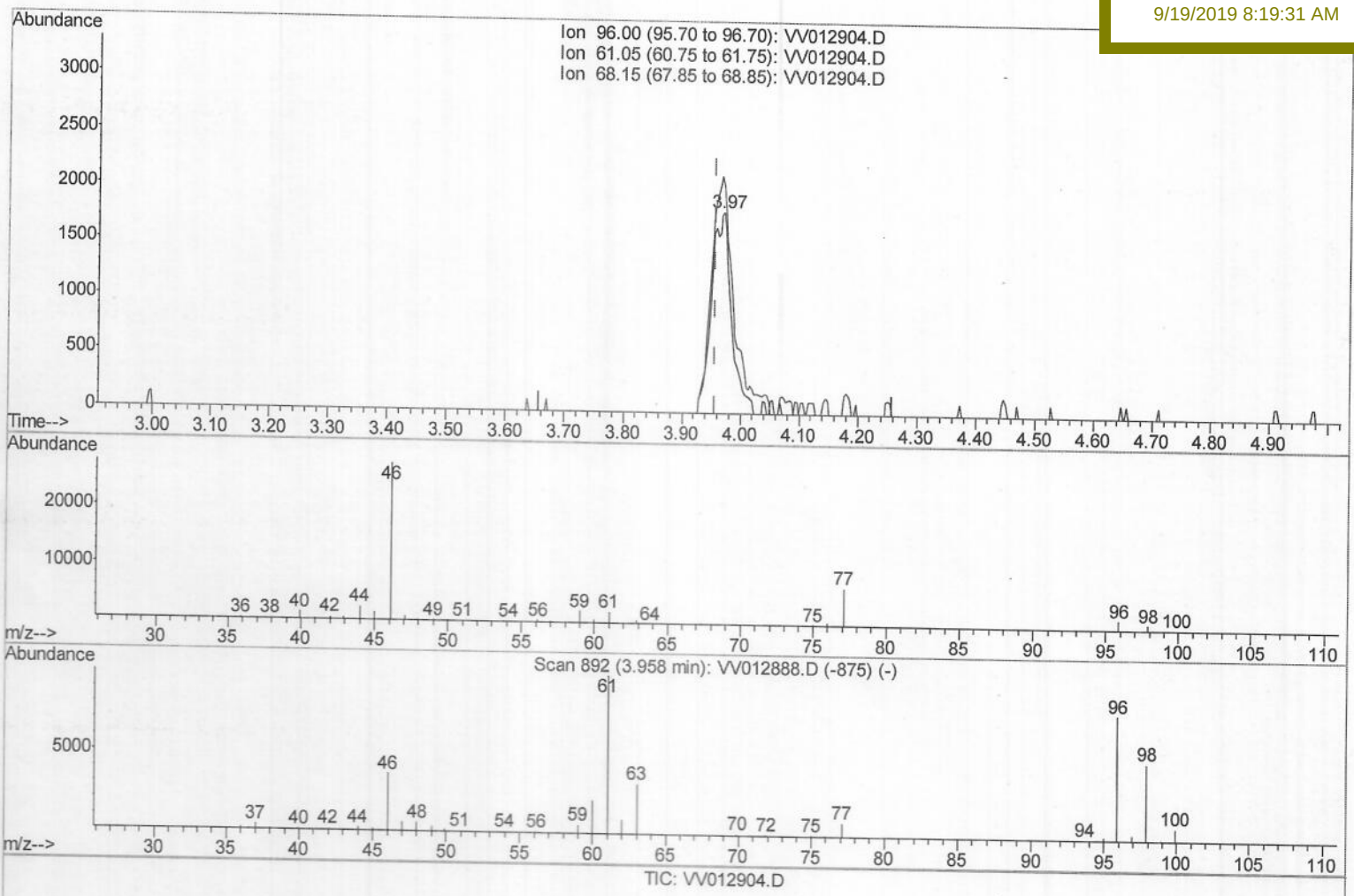
Manual Integrations APPROVED
MMDadoda
9/19/2019 8:19:31 AM



TIC: VV012904.D

(22) cis-1,2-Dichloroethene (T)

3.971min (+0.013) 0.17ug/L m > M.D 09/27/19

response 4295

Ion	Exp%	Act%
96.00	100	100
61.05	131.20	113.28
68.15	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091819\

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
MMDadoda
9/19/2019 8:19:31 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	372382	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	365423	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	130471	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	157048	4.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.20%			
7) Chloroethane-d5	1.58	69	142352	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.00%			
11) 1,1-Dichloroethene-d2	2.13	63	196213	3.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.20%			
20) 2-Butanone-d5	4.00	46	323966m	41.98	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.96%			
24) Chloroform-d	4.40	84	287173	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	5.08	65	147537	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
32) Benzene-d6	5.10	84	572547	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
36) 1,2-Dichloropropane-d6	6.12	67	180919	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	7.36	98	447115	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.20%			
43) trans-1,3-Dichloropropene-	7.66	79	57091	4.31	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.20%			
46) 2-Hexanone-d5	8.14	63	237863	42.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.38%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	131262	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	150655	5.35	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.00%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	15296	0.591	ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	4295m	0.172	ug/L	

M.D 09/27/19

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