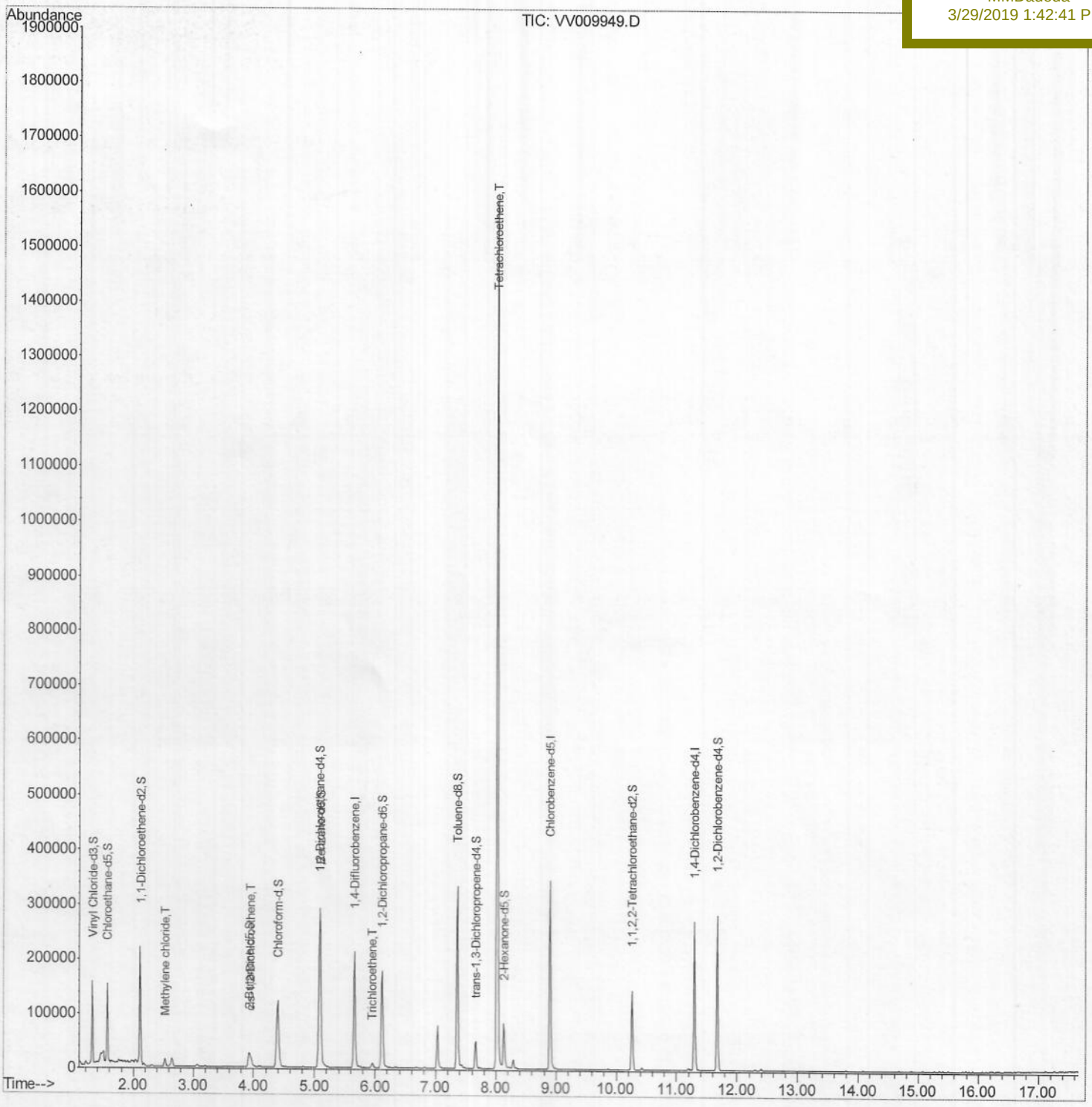
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032719\
Data File : VV009949.D
Acq On : 28 Mar 2019 01:40
Operator : SY/MD
Sample : K2101-12
Misc : 5.55G/10mL/MSVOA_V/SOIL
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 29 13:34:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF0B7

Manual Integrations APPROVED
MMDadoda
3/29/2019 1:42:41 PM



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Quant Time: Mar 29 13:31:25 2019
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Quant Title : VOC Analysis
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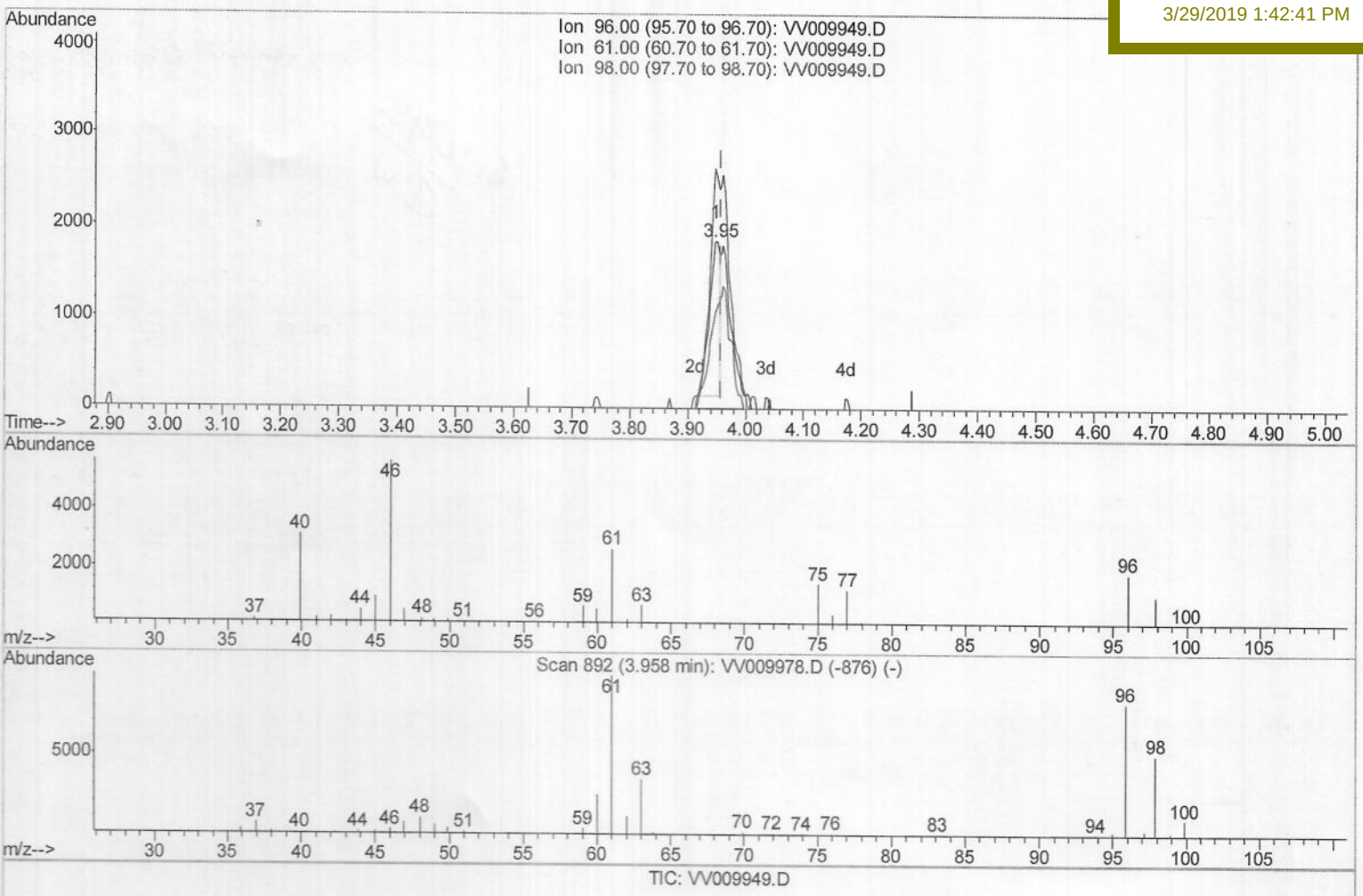

TIC: VV009949.D

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

3.949min (-0.010) 0.86ug/L

response 2137

Ion	Exp%	Act%
96.00	100	100
61.00	130.60	143.72
98.00	68.60	58.41
0.00	0.00	0.00

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MMDadoda
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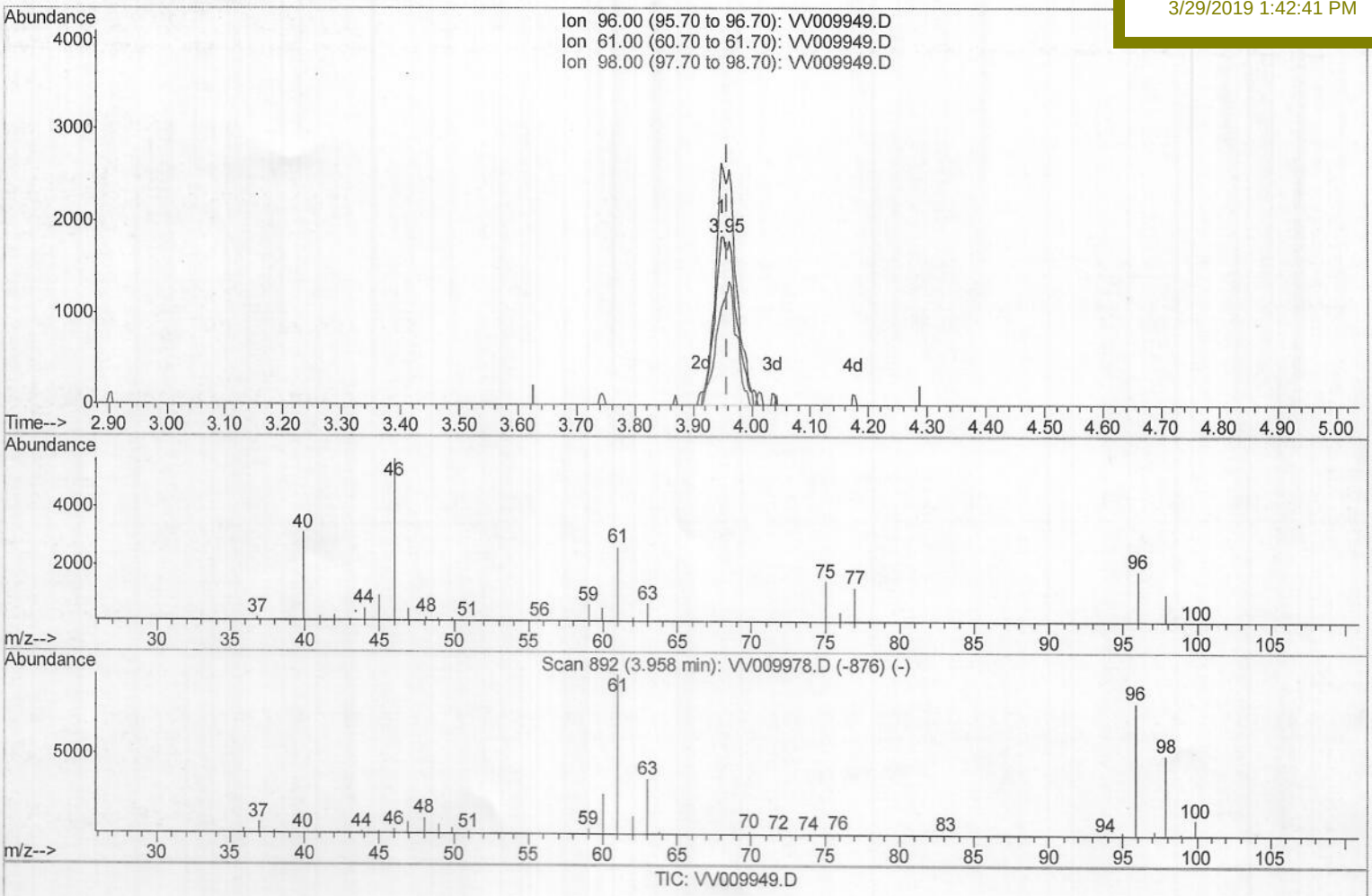

TIC: VV009949.D

(22) cis-1,2-Dichloroethene (T)
3.949min (-0.010) 1.97ug/L m
response 4877

Ion	Exp%	Act%
96.00	100	100
61.00	130.60	143.72
98.00	68.60	58.41
0.00	0.00	0.00

M.D. 04/11/19

Quantitation Report (Qedit)

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ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 29 13:33:51 2019
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Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
MMDadoda
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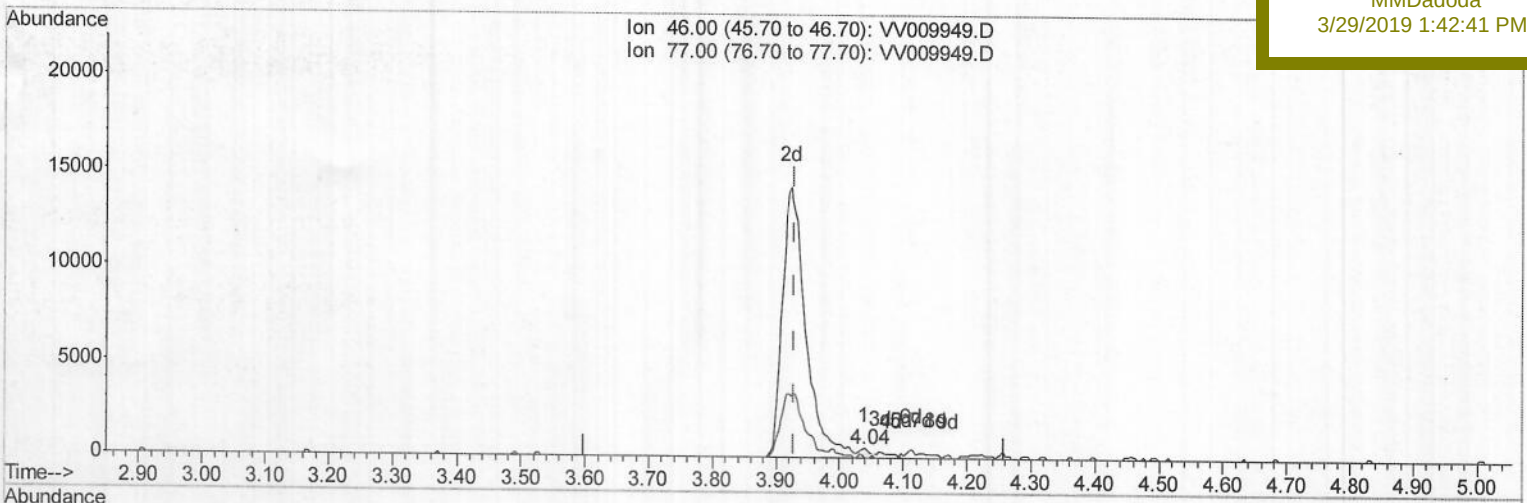

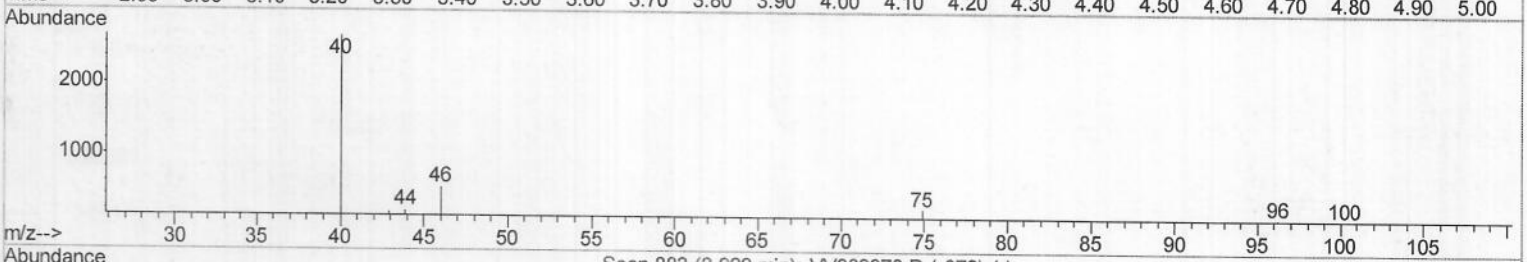

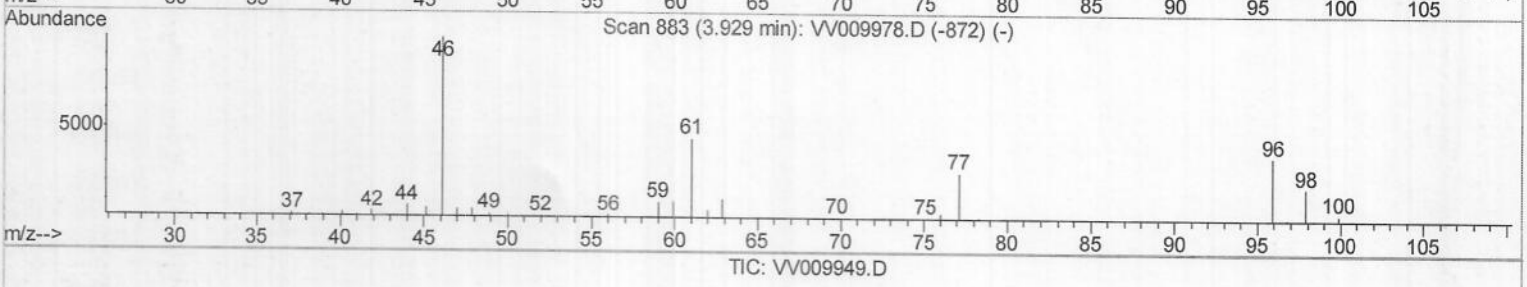

TIC: VV009949.D

(20) 2-Butanone-d5 (S)

4.039min (+0.109) 0.45ug/L

response 292

Ion	Exp%	Act%
46.00	100	100
77.00	23.10	27.74
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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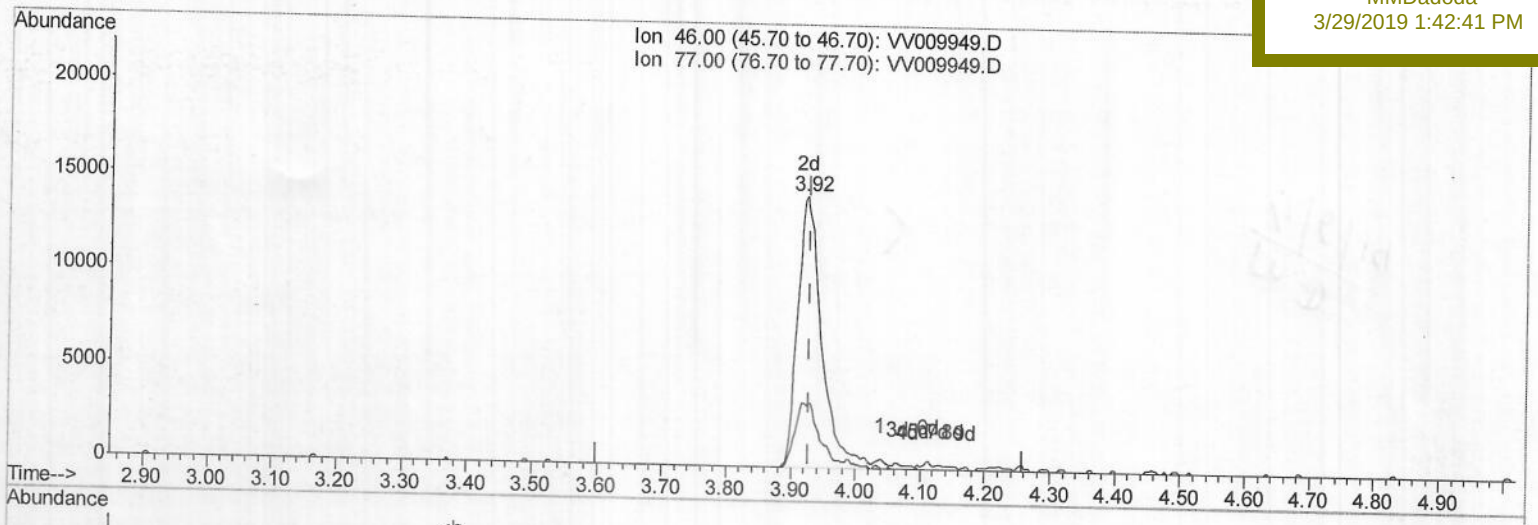

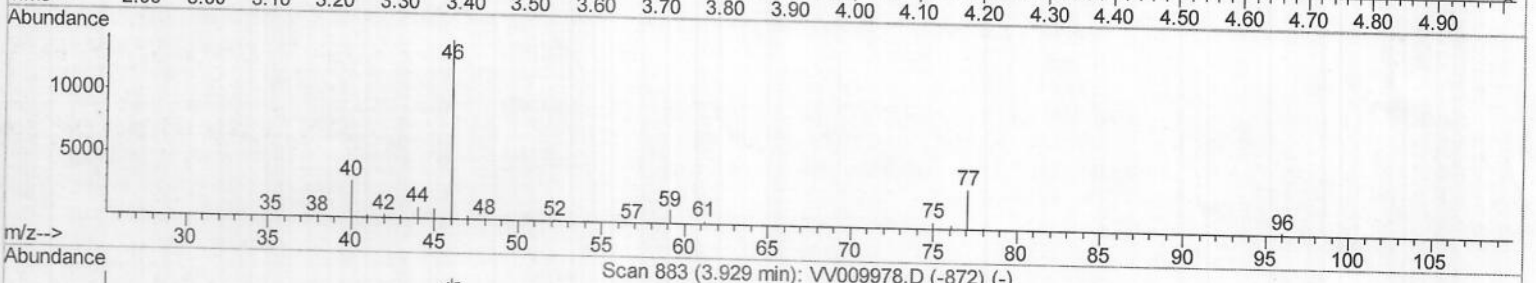

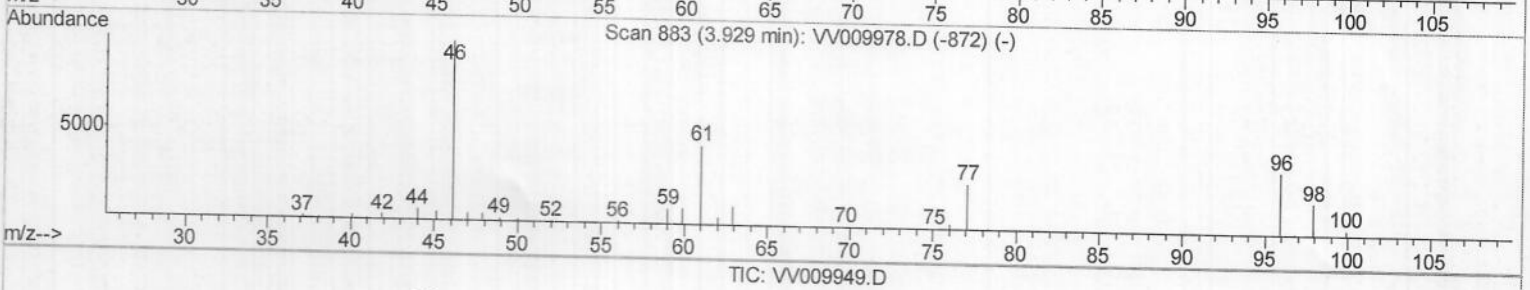

TIC: VV009949.D

(20) 2-Butanone-d5 (S)

3.923min (-0.006) 56.84ug/L m

response 36730

Ion	Exp%	Act%
46.00	100	100
77.00	23.10	0.22#
0.00	0.00	0.00
0.00	0.00	0.00

M.D. 03/11/19

Quantitation Report (QT Reviewed)

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Instrument : MSVOA_V
ClientSampleId : BF0B7

Manual Integrations APPROVED
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3/29/2019 1:42:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	170886	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	172344	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65991	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	78361	22.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.40%			
7) Chloroethane-d5	1.56	69	89192	23.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.24%			
10) 1,1-Dichloroethene-d2	2.12	63	108976	11.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 45.96%			
20) 2-Butanone-d5	3.92	46	36730m	56.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.68%			
24) Chloroform-d	4.39	84	112044	25.74	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.96%			
26) 1,2-Dichloroethane-d4	5.07	65	76070	29.03	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.12%			
29) Benzene-d6	5.09	84	241669	26.70	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.80%			
33) 1,2-Dichloropropane-d6	6.11	67	75019	28.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 113.32%			
37) Toluene-d8	7.36	98	207877	24.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.08%			
38) trans-1,3-Dichloropropene-	7.66	79	24690	22.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.16%			
39) 2-Hexanone-d5	8.13	63	25995	52.60	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.20%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	62275	23.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.00%			
61) 1,2-Dichlorobenzene-d4	11.67	152	67372	26.82	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.28%			
Target Compounds						Qvalue
16) Methylene chloride	2.53	84	5769	2.050	ug/L	81
22) cis-1,2-Dichloroethene	3.95	96	4877m	1.973	ug/L	
35) Trichloroethene	5.96	95	2120	0.849	ug/L #	80
47) Tetrachloroethene	8.02	164	296586	150.559	ug/L	96

M.D. 04/11/19

M.D. 04/11/19

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