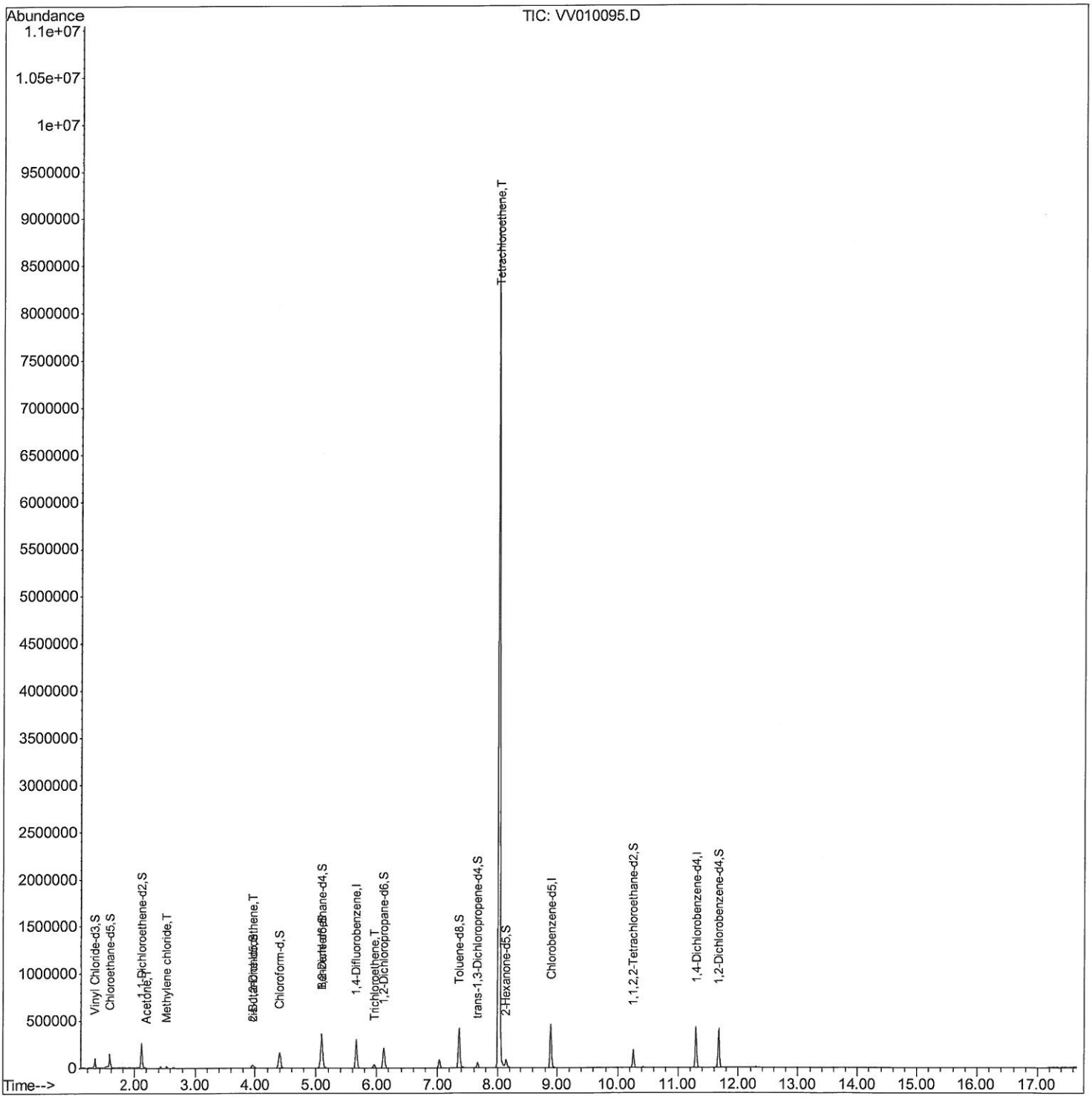
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
Data File : VV010095.D
Acq On : 03 Apr 2019 16:18
Operator : SY/MD
Sample : K2215-09
Misc : 5.44G/10mL/MSVOA_V/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 04 07:31:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF2N0

Manual Integrations APPROVED
MMDadoda
4/5/2019 10:40:40 AM



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Quant Title : VOC Analysis
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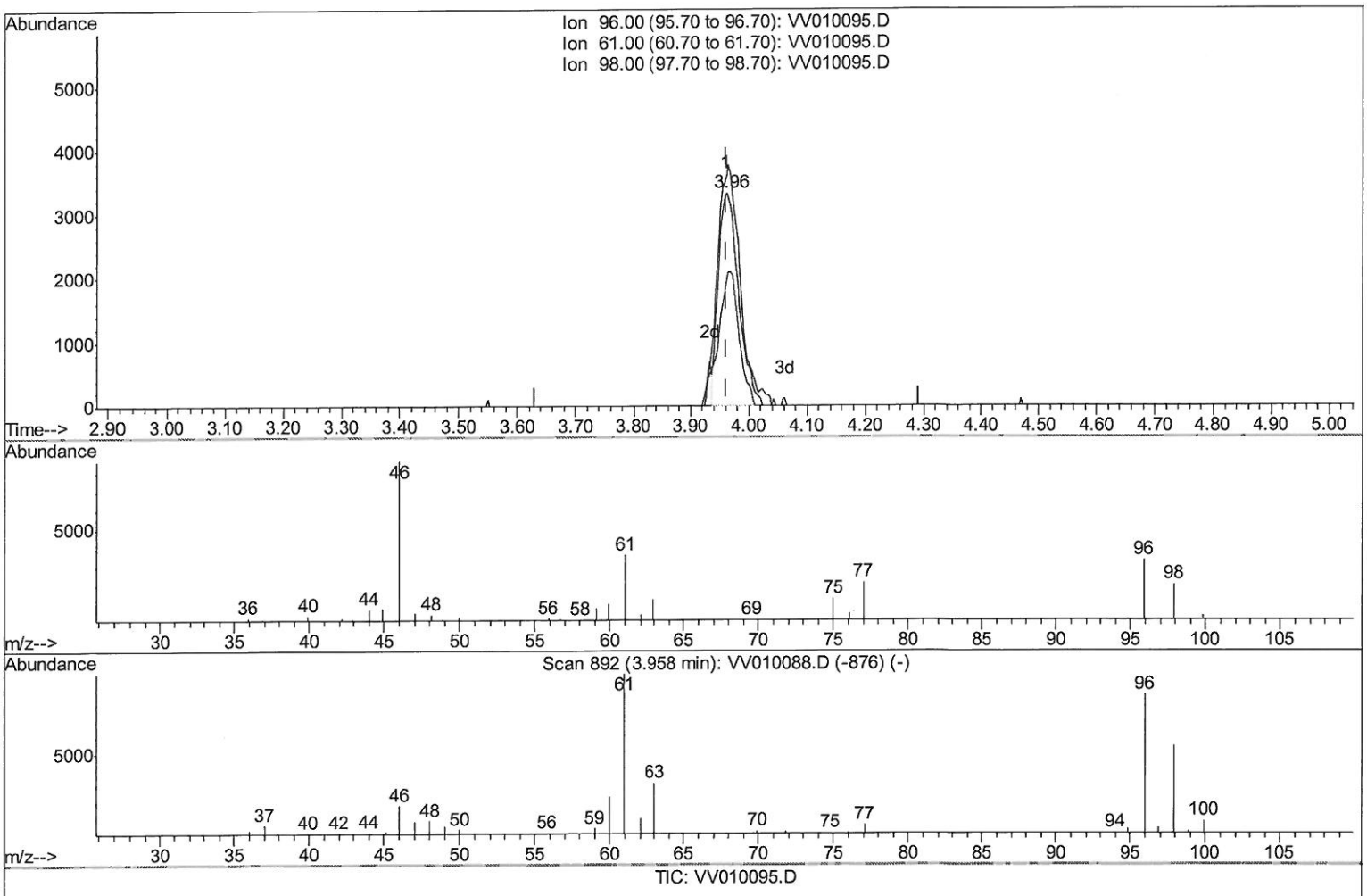
4/5/2019 10:40:40 AM



TIC: VV010095.D

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

3.962min (+0.000) 2.31ug/L

response 8062

Ion	Exp%	Act%
96.00	100	100
61.00	118.10	108.69
98.00	62.70	60.11
0.00	0.00	0.00

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MSVOA_V
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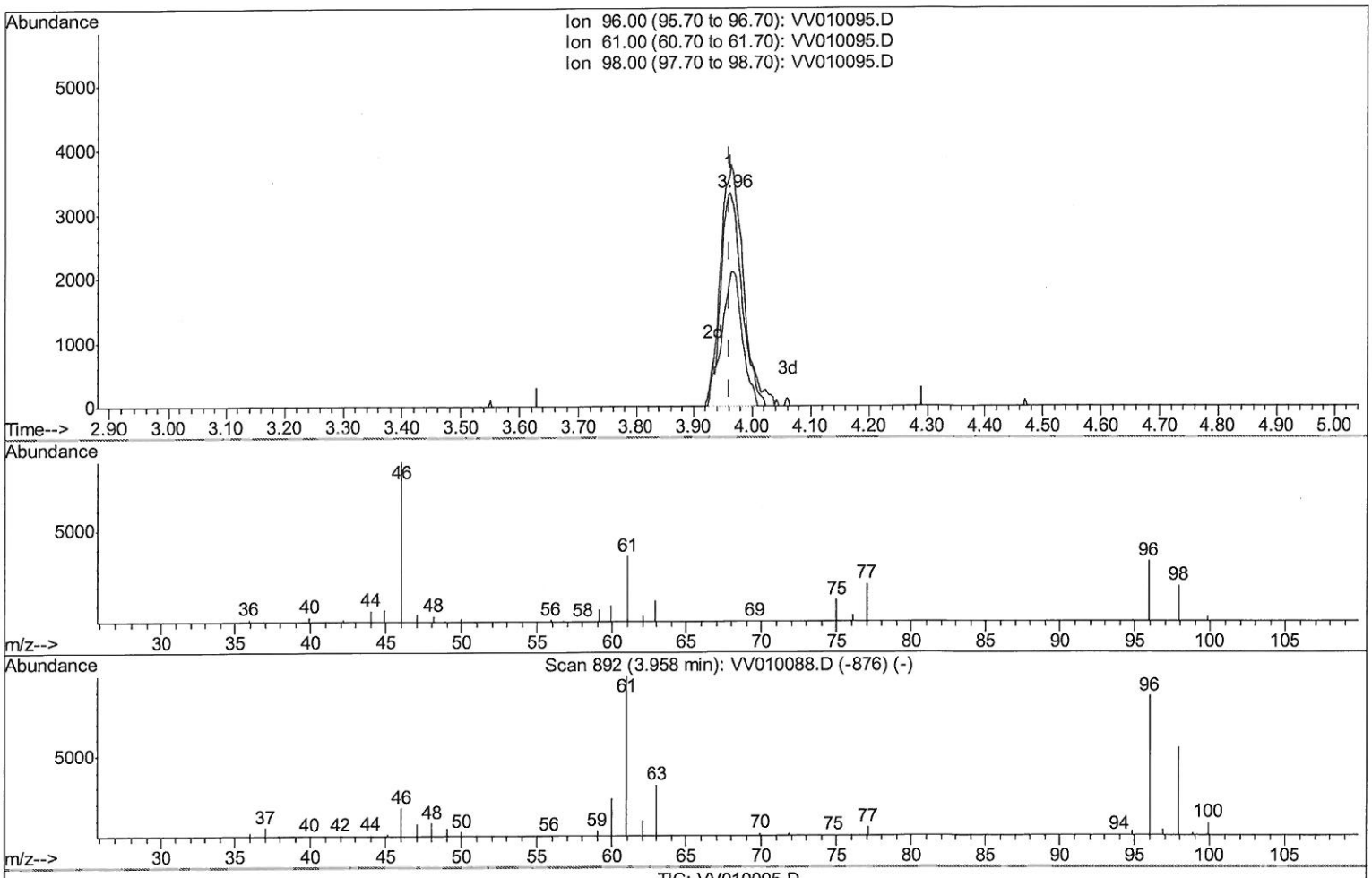
Manual Integrations APPROVED
MMDadoda
4/5/2019 10:40:40 AM



TIC: VV010095.D

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

3.962min (+0.000) 2.41ug/L m

response 8401

SMD 4/6/19

Ion	Exp%	Act%
96.00	100	100
61.00	118.10	108.69
98.00	62.70	60.11
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 03 Apr 2019 16:18
Operator : SY/MD
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Misc : 5.44G/10mL/MSVOA_V/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF2N0

Manual Integrations APPROVED
MMDadoda
4/5/2019 10:40:40 AM

Quant Time: Apr 04 07:31:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	262778	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	263596	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115207	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	59710	16.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.88%			
7) Chloroethane-d5	1.57	69	70644	16.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.68%			
10) 1,1-Dichloroethene-d2	2.13	63	129287	14.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 58.28%			
20) 2-Butanone-d5	3.95	46	31056	31.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 62.04%			
24) Chloroform-d	4.40	84	157013	23.72	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.88%			
26) 1,2-Dichloroethane-d4	5.08	65	93612	25.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.08%			
29) Benzene-d6	5.10	84	313500	22.93	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.72%			
33) 1,2-Dichloropropane-d6	6.12	67	96804	24.00	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.00%			
37) Toluene-d8	7.36	98	289830	22.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.04%			
38) trans-1,3-Dichloropropene-	7.67	79	30542	17.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 70.84%			
39) 2-Hexanone-d5	8.14	63	24957	30.85	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 61.70%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	83621	21.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.08%			
61) 1,2-Dichlorobenzene-d4	11.67	152	108080	24.08	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.32%			
Target Compounds						Qvalue
13) Acetone	2.21	43	3435	3.471	ug/L	86
16) Methylene chloride	2.54	84	6801	1.473	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	8401m	2.411	ug/L	
35) Trichloroethene	5.96	95	12156	3.276	ug/L	95
47) Tetrachloroethene	8.02	164	1904243	613.157	ug/L	96

MD 4/6/19

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