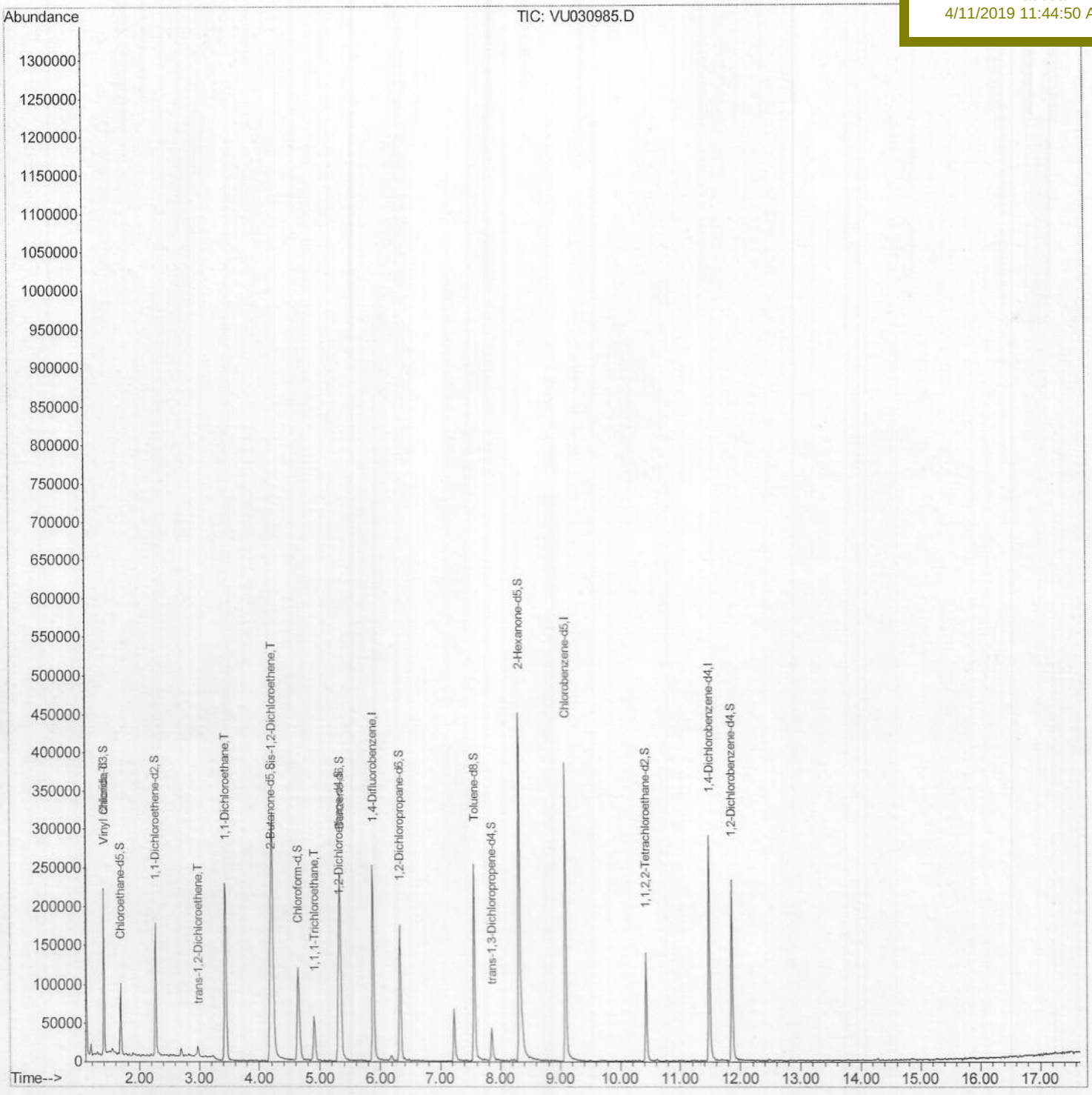
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041019\
Data File : VU030985.D
Acq On : 10 Apr 2019 03:32
Operator : JC/SP
Sample : K2248-17DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Apr 10 09:35:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 04:30:45 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
E3YD2DL

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:44:50 AM



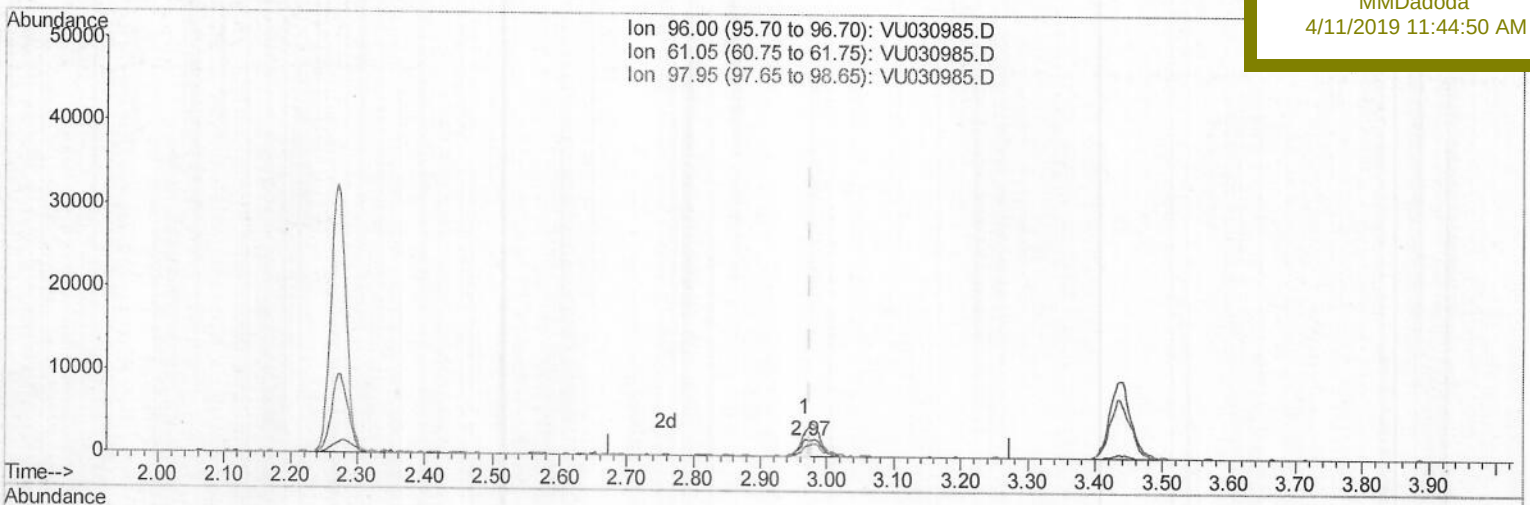
Quantitation Report (Qedit)

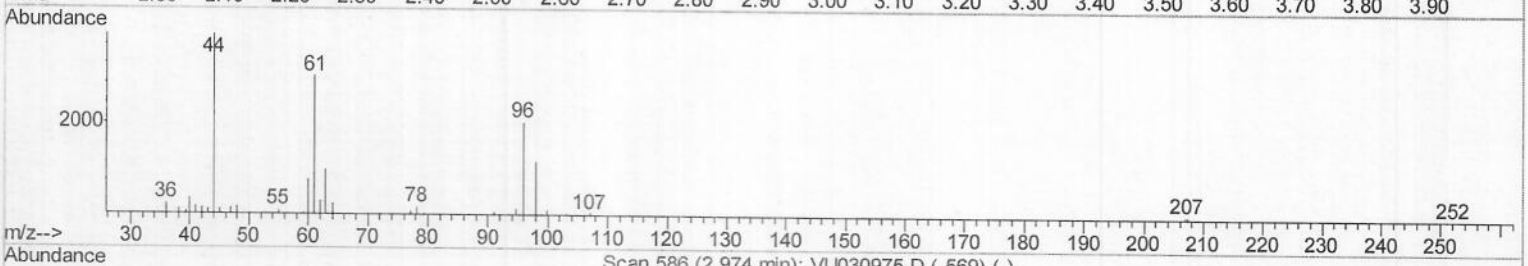
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041019\
Data File : VU030985.D
Acq On : 10 Apr 2019 03:32
Operator : JC/SP
Sample : K2248-17DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

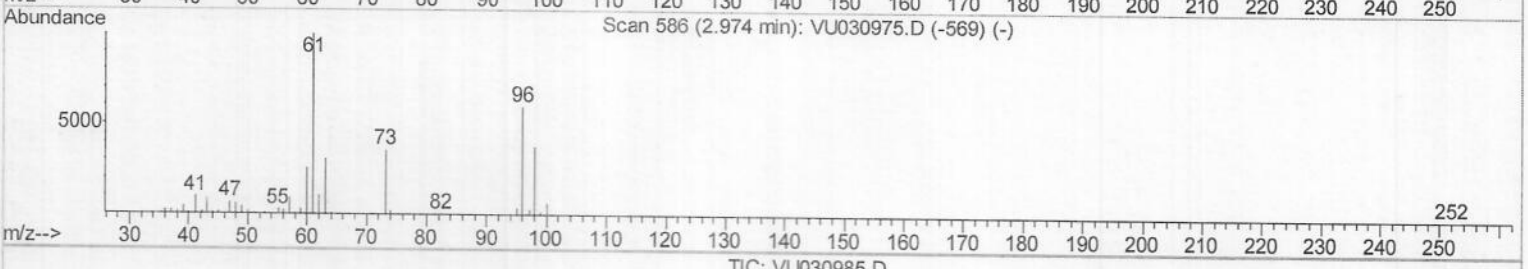
Quant Time: Apr 10 04:36:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 04:30:45 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
E3YD2DL

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:44:50 AM







TIC: VU030985.D

(18) trans-1,2-Dichloroethene (T)

2.968min (-0.006) 0.13ug/L

response 2133

Ion	Exp%	Act%
96.00	100	100
61.05	166.80	145.08
97.95	66.90	59.35
0.00	0.00	0.00

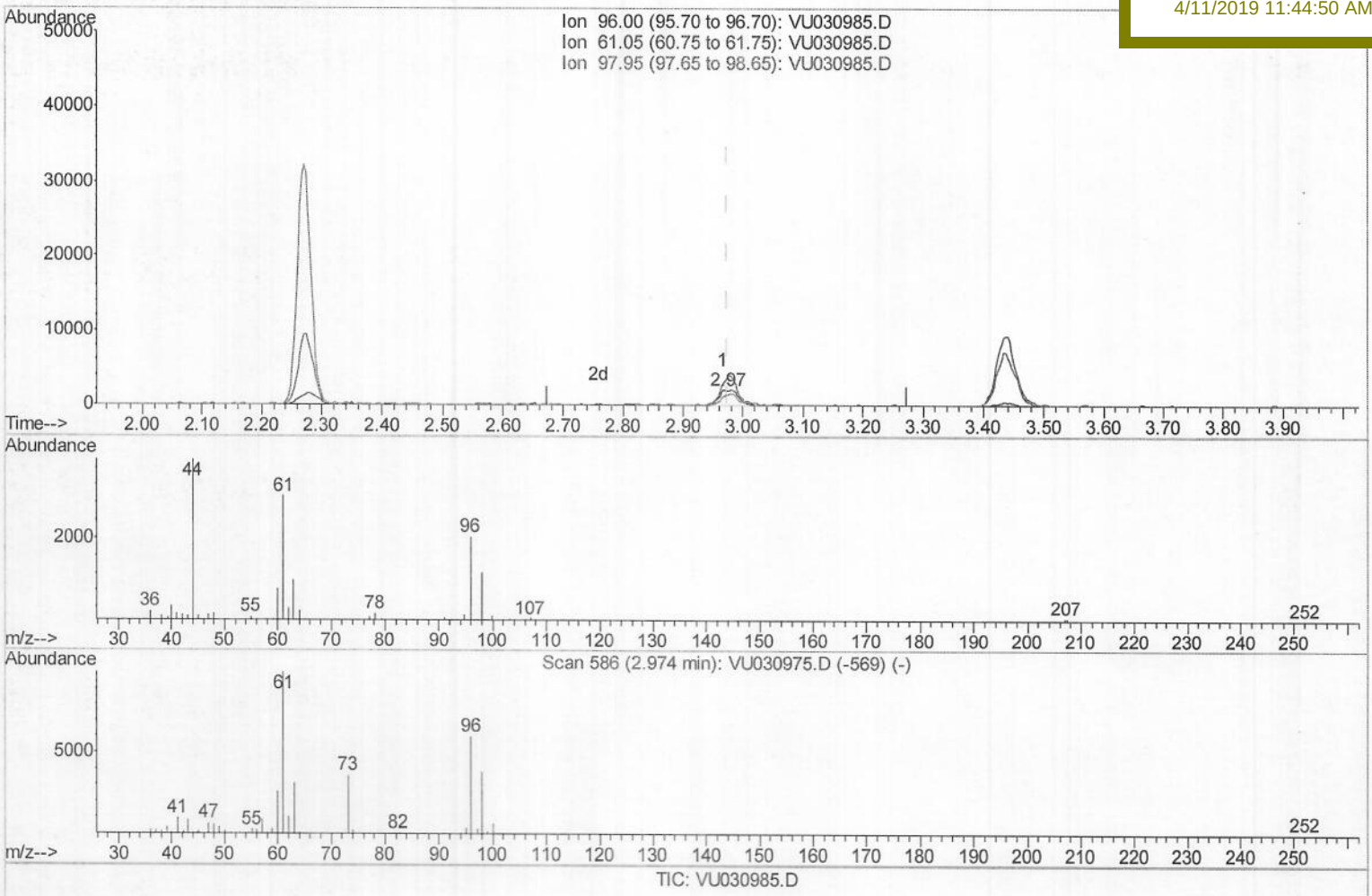
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041019\
Data File : VU030985.D
Acq On : 10 Apr 2019 03:32
Operator : JC/SP
Sample : K2248-17DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Apr 10 04:36:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 04:30:45 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
E3YD2DL

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:44:50 AM



TIC: VU030985.D

(18) trans-1,2-Dichloroethene (T)

2.968min (-0.006) 0.28ug/L m

response 4476

M.D 4/19/19

Ion	Exp%	Act%
96.00	100	100
61.05	166.80	145.08
97.95	66.90	59.35
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041019\
Data File : VU030985.D
Acq On : 10 Apr 2019 03:32
Operator : JC/SP
Sample : K2248-17DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Apr 10 09:35:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 04:30:45 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : E3YD2DL

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:44:50 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	211205	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	214533	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82913	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	62731	3.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.80%			
7) Chloroethane-d5	1.68	69	61940	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.20%			
11) 1,1-Dichloroethene-d2	2.27	63	101656	3.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.60%			
20) 2-Butanone-d5	4.19	46	255247	61.37	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.74%			
24) Chloroform-d	4.64	84	114277	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.40%			
26) 1,2-Dichloroethane-d4	5.31	65	79305	5.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.20%			
32) Benzene-d6	5.33	84	234152	4.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.00%			
36) 1,2-Dichloropropane-d6	6.33	67	87754	4.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.60%			
41) Toluene-d8	7.56	98	174256	3.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.20%#			
43) trans-1,3-Dichloropropene-	7.85	79	26036	3.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.00%			
46) 2-Hexanone-d5	8.31	63	147379	48.16	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.32%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	75530	5.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	68210	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	85231	3.373	ug/L	97
18) trans-1,2-Dichloroethene	2.97	96	4476m	0.275	ug/L	
19) 1,1-Dichloroethane	3.44	63	253535	7.367	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	154602	8.911	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	45032	1.648	ug/L	98

M.D 4/19/19

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