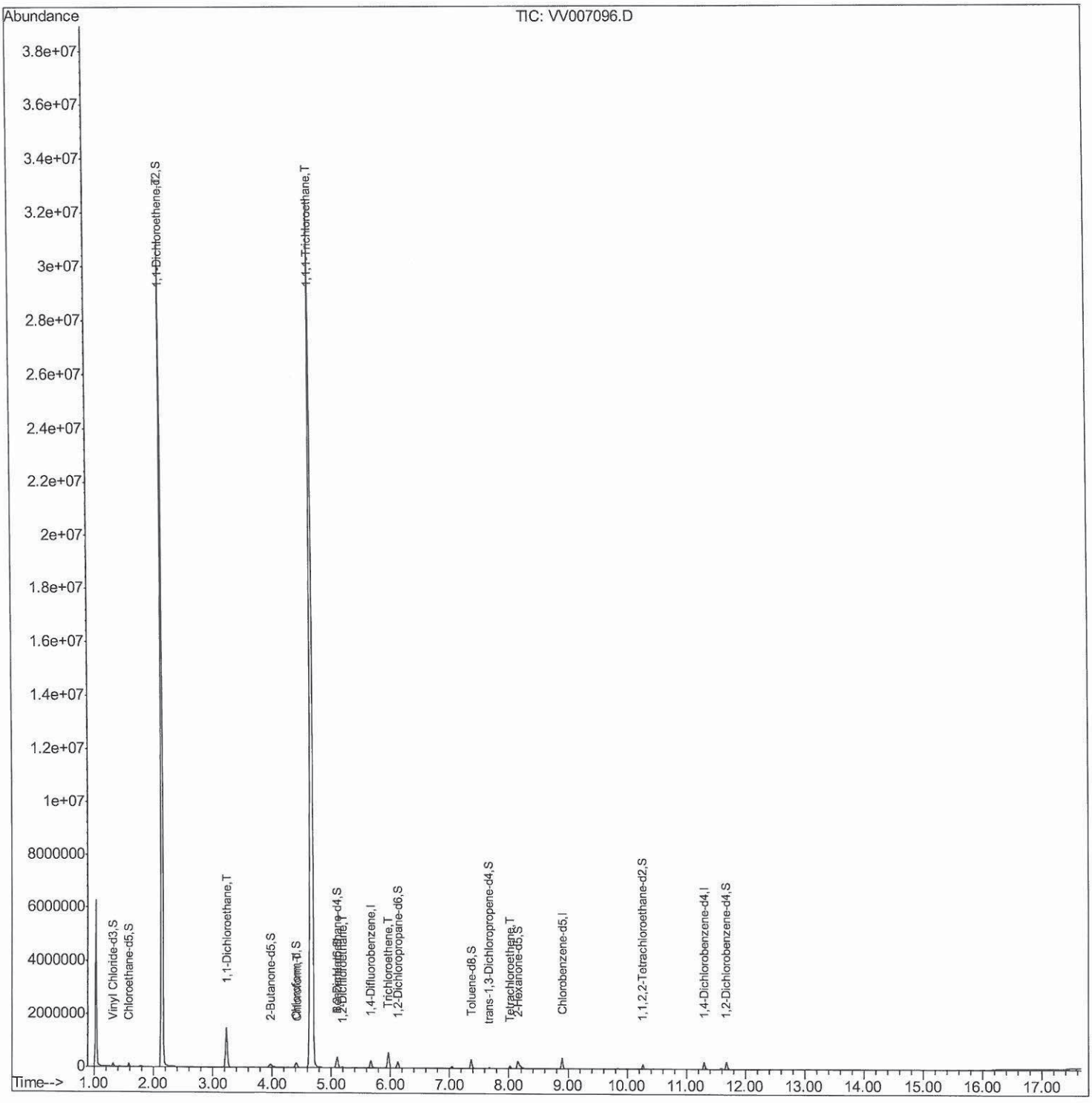
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082018\
Data File : VV007096.D
Acq On : 21 Aug 2018 02:12
Operator : SY/MD
Sample : J4515-11
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 21 07:23:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 21 05:25:12 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0335

Manual Integrations APPROVED
MMDadoda
8/21/2018 11:41:27 AM



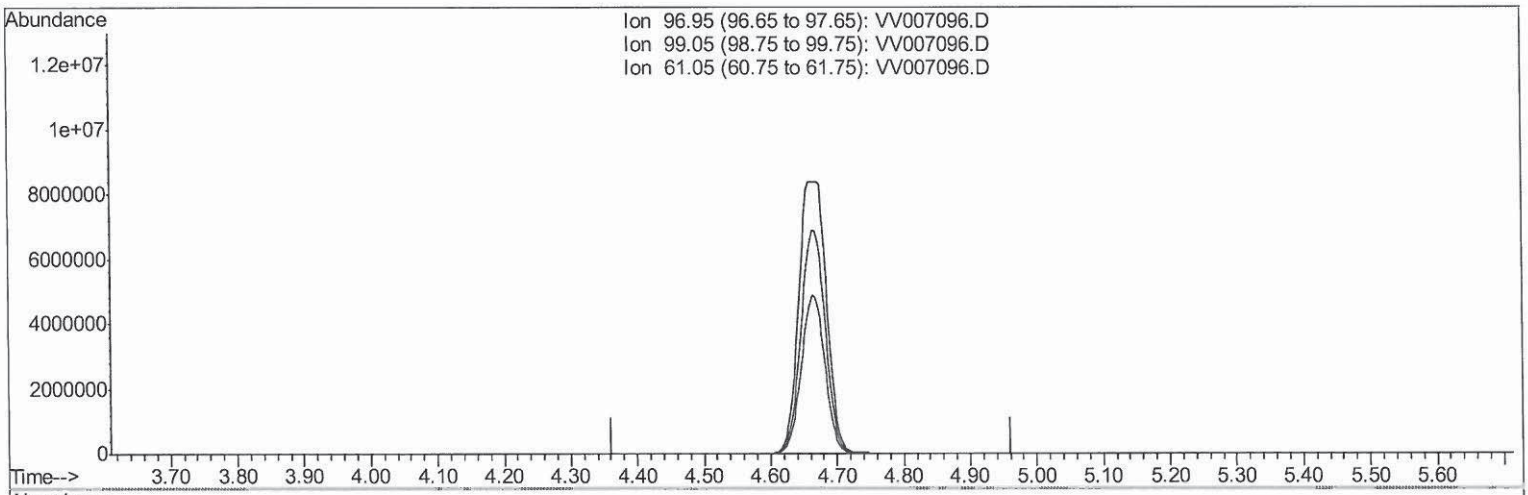
Quantitation Report (Qedit)

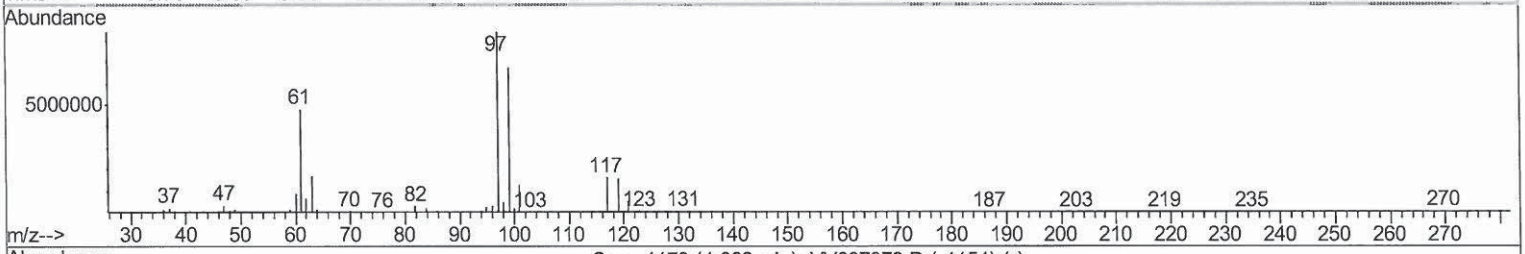
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082018\
Data File : VV007096.D
Acq On : 21 Aug 2018 02:12
Operator : SY/MD
Sample : J4515-11
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

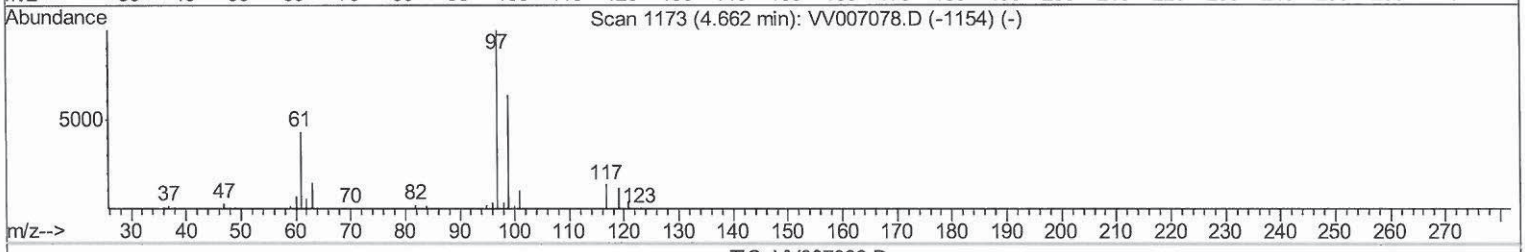
Quant Time: Aug 21 05:28:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 21 05:25:12 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0335

Manual Integrations APPROVED
MMDadoda
8/21/2018 11:41:27 AM







TIC: VV007096.D

(29) 1,1,1-Trichloroethane (T)

4.662min (-4.662) 0.00ug/L

response 0

Ion	Exp%	Act%
96.95	100	0.00
99.05	63.80	0.00#
61.05	45.70	0.00#
0.00	0.00	0.00

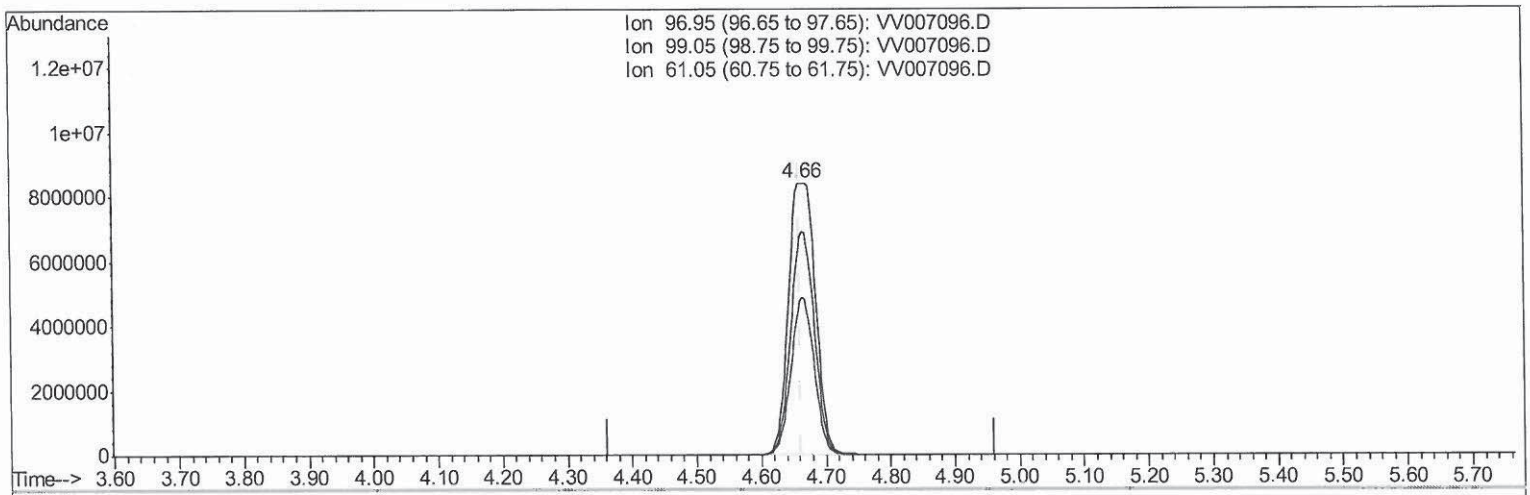
Quantitation Report (Qedit)

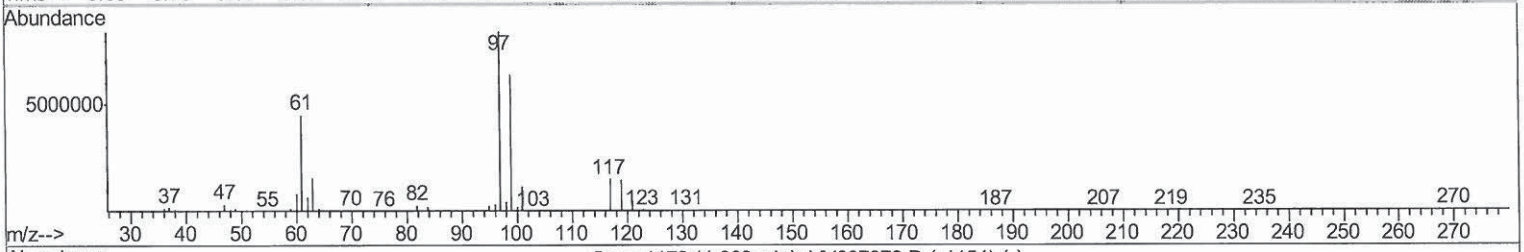
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082018\
Data File : VV007096.D
Acq On : 21 Aug 2018 02:12
Operator : SY/MD
Sample : J4515-11
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

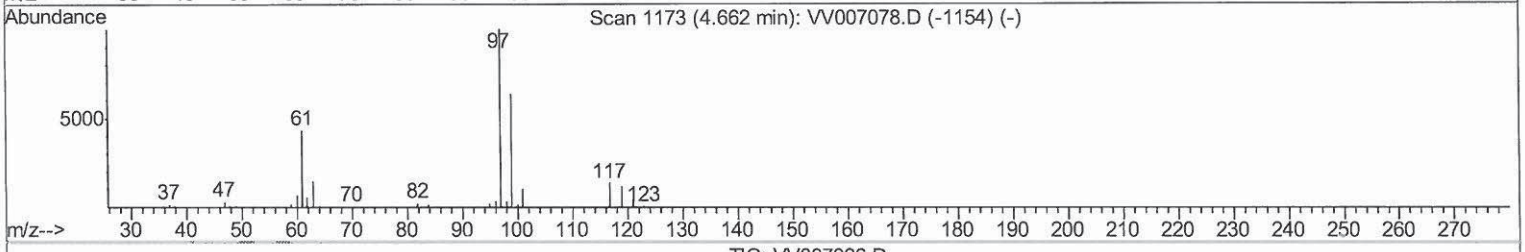
Quant Time: Aug 21 05:28:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 21 05:25:12 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0335

Manual Integrations APPROVED
MMDadoda
8/21/2018 11:41:27 AM







TIC: VV007096.D

(29) 1,1,1-Trichloroethane (T)

4.659min (-0.003) 786.67ug/L m

response 24372983

Ion	Exp%	Act%
96.95	100	100
99.05	63.80	0.00#
61.05	45.70	0.00#
0.00	0.00	0.00

MD
08/24/18

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082018\
Data File : VV007096.D
Acq On : 21 Aug 2018 02:12
Operator : SY/MD
Sample : J4515-11
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0335

Manual Integrations APPROVED
MMDadoda
8/21/2018 11:41:27 AM

Quant Time: Aug 21 07:23:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 21 05:25:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	243281	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	232358	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88670	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	78066	4.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.40%			
7) Chloroethane-d5	1.58	69	71199	5.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.80%			
11) 1,1-Dichloroethene-d2	2.14	63	5526025	187.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 3750.20%#			
20) 2-Butanone-d5	3.97	46	225647	49.96	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.92%			
24) Chloroform-d	4.41	84	168714	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.00%			
26) 1,2-Dichloroethane-d4	5.09	65	89473	5.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.20%			
32) Benzene-d6	5.10	84	336868	5.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.80%			
36) 1,2-Dichloropropane-d6	6.12	67	109617	5.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.40%			
41) Toluene-d8	7.37	98	234669	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
43) trans-1,3-Dichloropropene-	7.67	79	22296	3.14	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 62.80%			
46) 2-Hexanone-d5	8.15	63	85364	29.40	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 58.80%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81099	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	84524	5.48	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.60%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	10295343	589.325	ug/L #	58
19) 1,1-Dichloroethane	3.23	63	1562612	46.270	ug/L	98
25) Chloroform	4.44	83	17383	0.470	ug/L	95
27) 1,2-Dichloroethane	5.19	62	21327	0.926	ug/L	95
29) 1,1,1-Trichloroethane	4.66	97	24372983m	786.667	ug/L	
34) Trichloroethene	5.96	95	209116	10.834	ug/L	95
47) Tetrachloroethene	8.02	164	19608	1.253	ug/L	96

MD 08/24/18

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