Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092319\

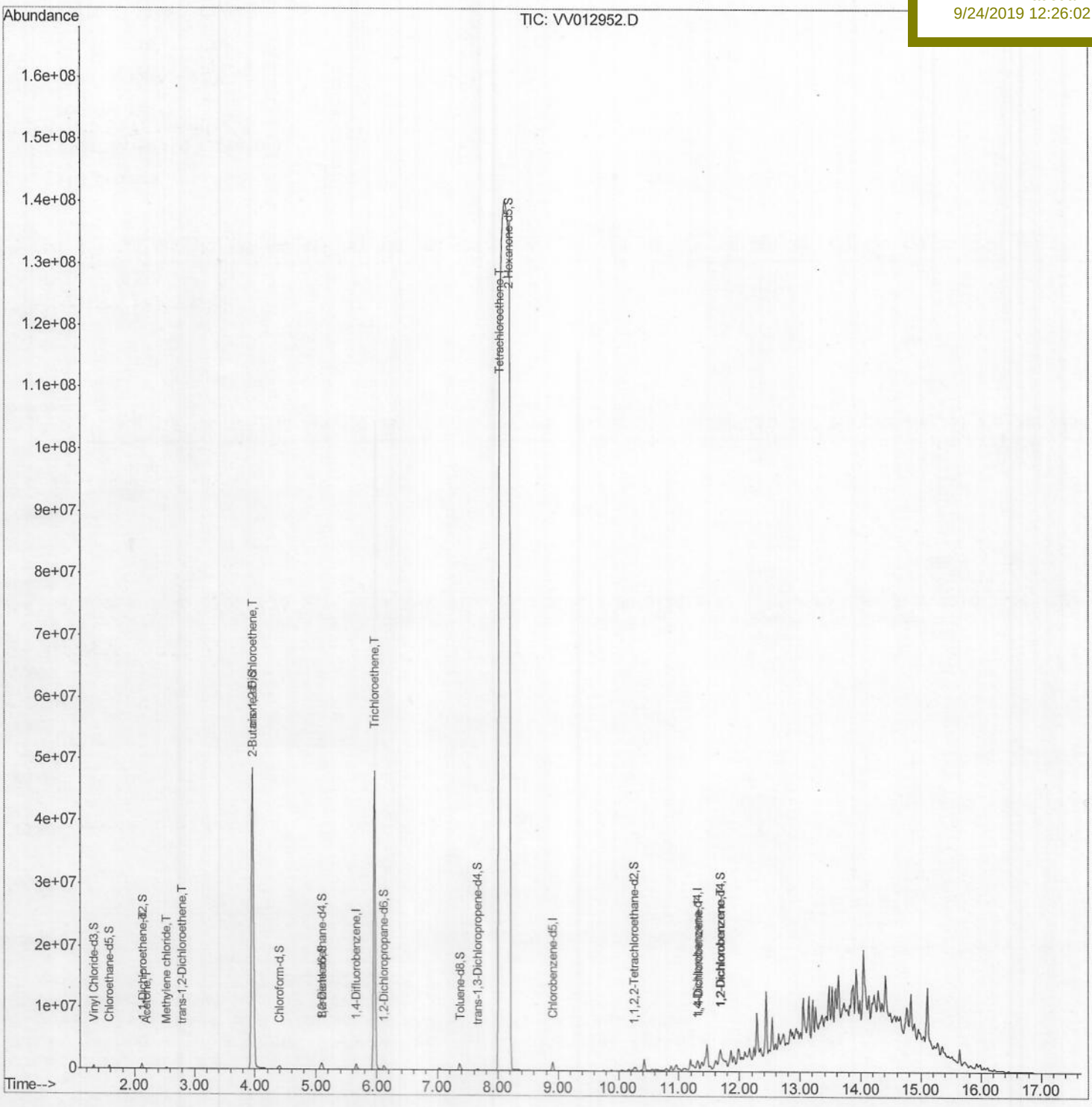
Quantitation Report (QT Reviewed)

Data File : VV012952.D
Acq On : 23 Sep 2019 22:24
Operator : SY/MD
Sample : K4984-05
Misc : 5.86G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 08:37:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BEDK9

Manual Integrations APPROVED
MMDadoda
9/24/2019 12:26:02 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092319\

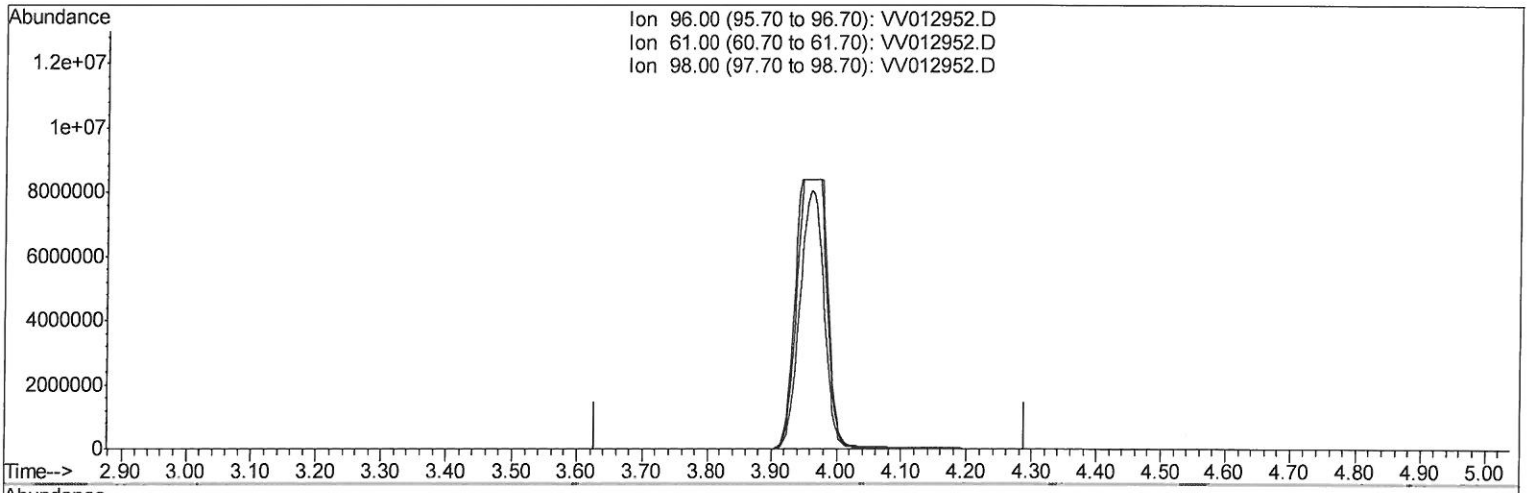
Quantitation Report (Qedit)

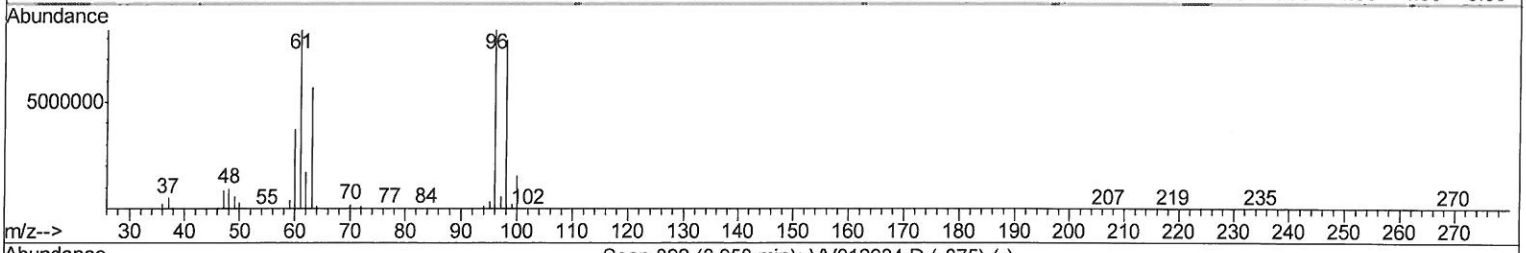
Data File : VV012952.D
Acq On : 23 Sep 2019 22:24
Operator : SY/MD
Sample : K4984-05
Misc : 5.86G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

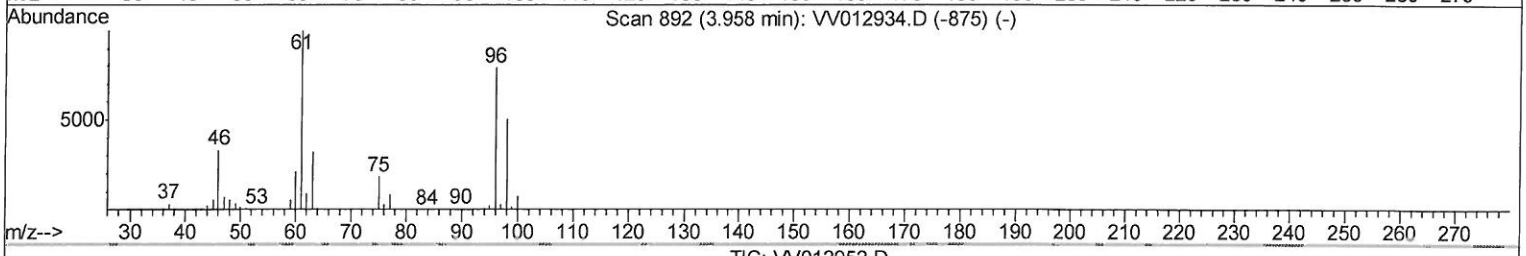
Quant Time: Sep 24 07:44:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BEDK9

Manual Integrations APPROVED
MMDadoda
9/24/2019 12:26:02 PM







TIC: VV012952.D

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

3.958min (-3.958) 0.00ug/L

response 0

Ion	Exp%	Act%
96.00	100	0.00
61.00	129.80	0.00#
98.00	65.10	0.00#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092319\

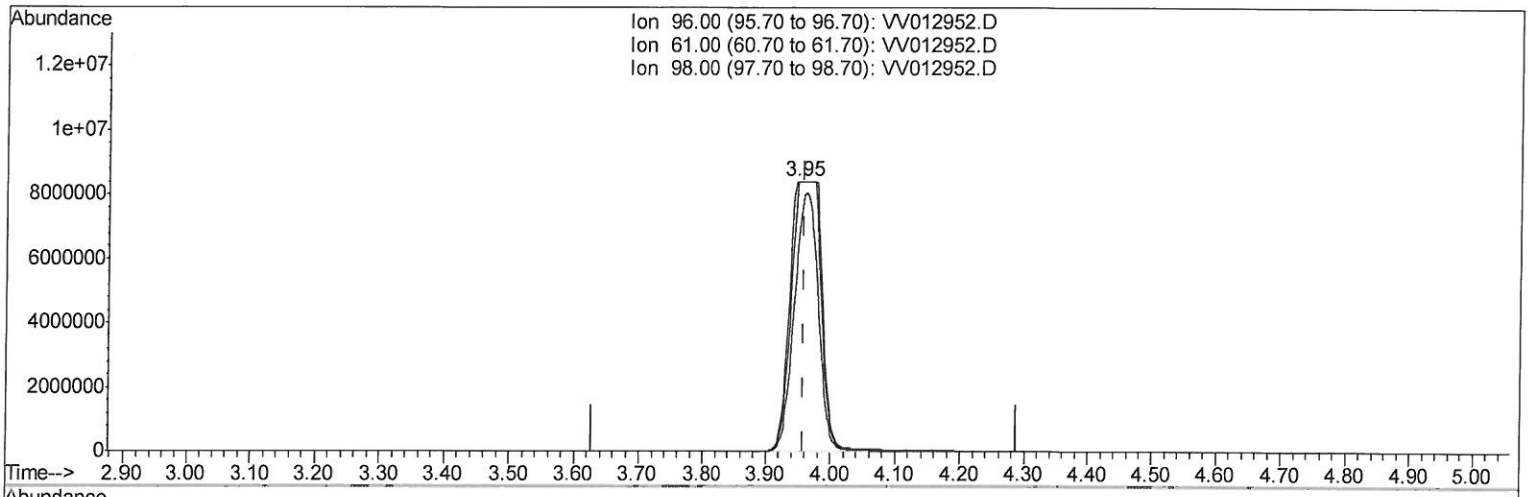
Quantitation Report (Qedit)

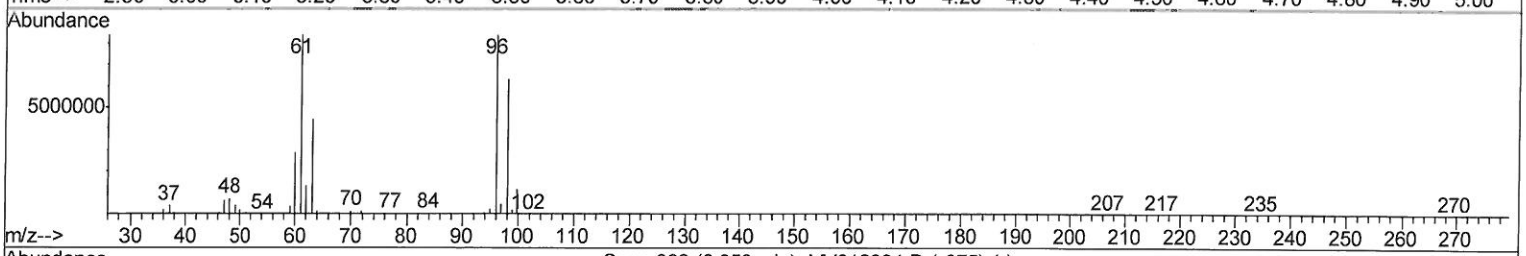
Data File : VV012952.D
Acq On : 23 Sep 2019 22:24
Operator : SY/MD
Sample : K4984-05
Misc : 5.86G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

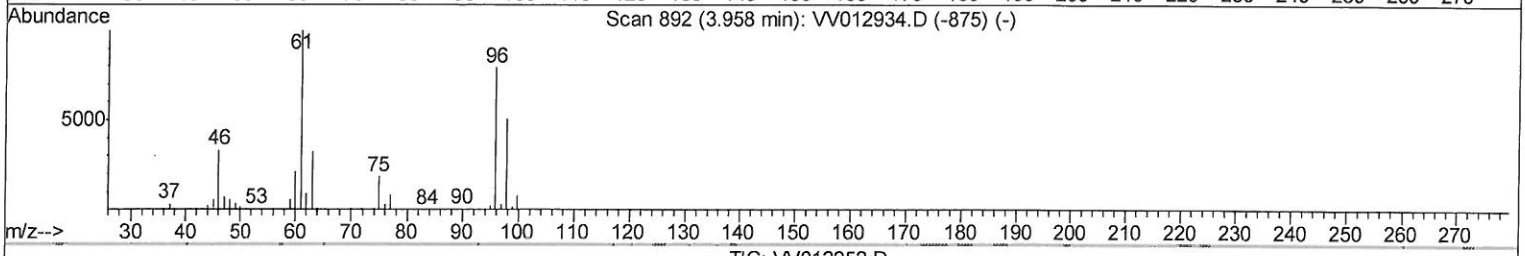
Quant Time: Sep 24 07:44:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BEDK9

Manual Integrations APPROVED
MMDadoda
9/24/2019 12:26:02 PM







TIC: VV012952.D

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

3.949min (-0.010) 2264.29ug/L m 09/24/19 SY

response 26326782

Ion	Exp%	Act%
96.00	100	100
61.00	129.80	100.00
98.00	65.10	75.32
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092319\

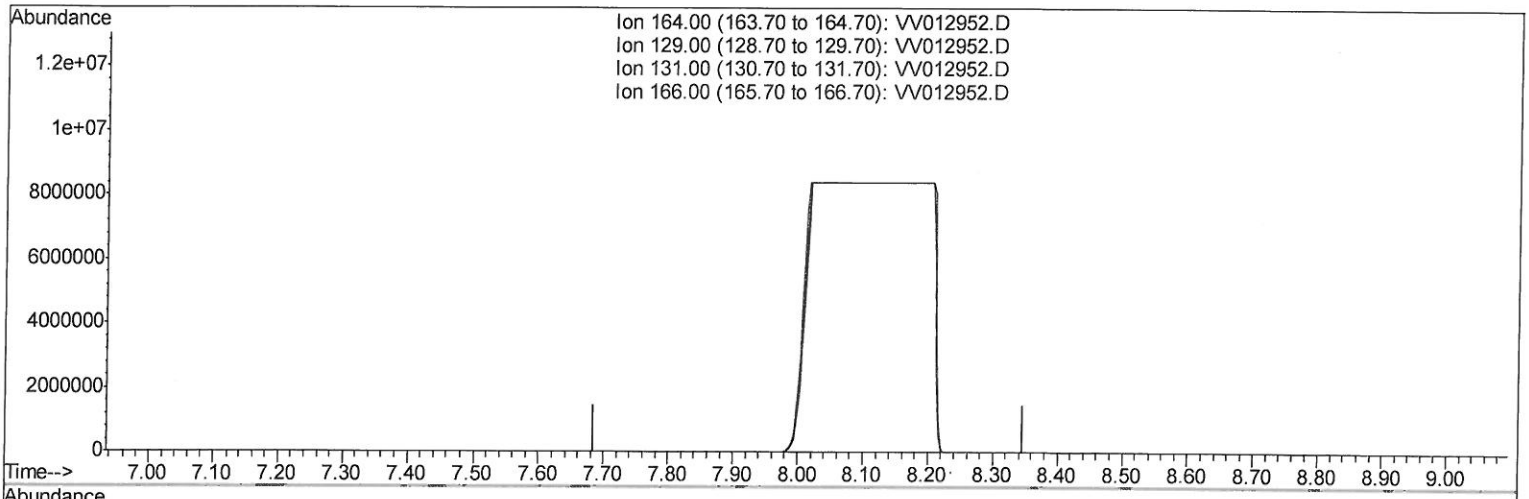
Quantitation Report (Qedit)

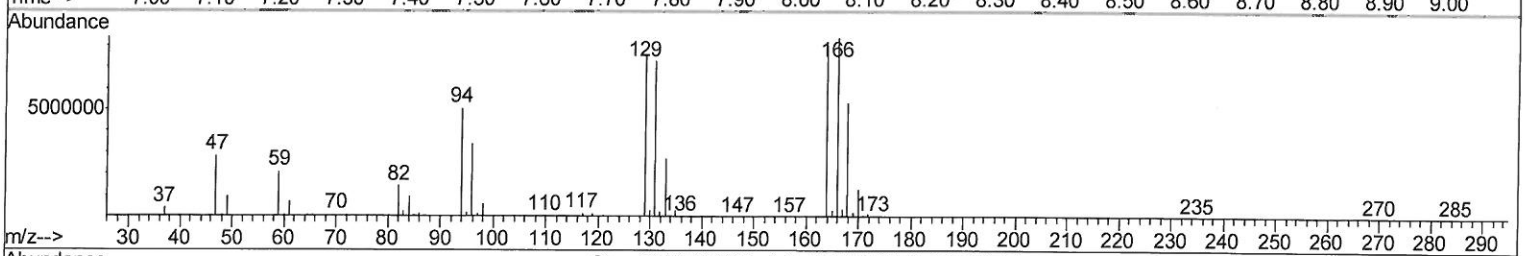
Data File : VV012952.D
Acq On : 23 Sep 2019 22:24
Operator : SY/MD
Sample : K4984-05
Misc : 5.86G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

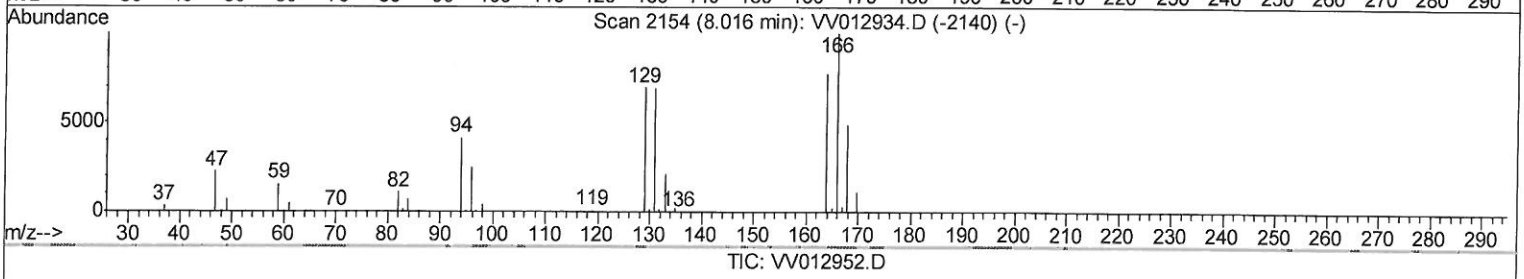
Quant Time: Sep 24 07:44:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BEDK9

Manual Integrations APPROVED
MMDadoda
9/24/2019 12:26:02 PM







TIC: VV012952.D

(47) Tetrachloroethene (T)

8.016min (-8.016) 0.00ug/L

response 0

Ion	Exp%	Act%
164.00	100	0.00
129.00	89.70	0.00#
131.00	86.00	0.00#
166.00	127.70	0.00#

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092319\

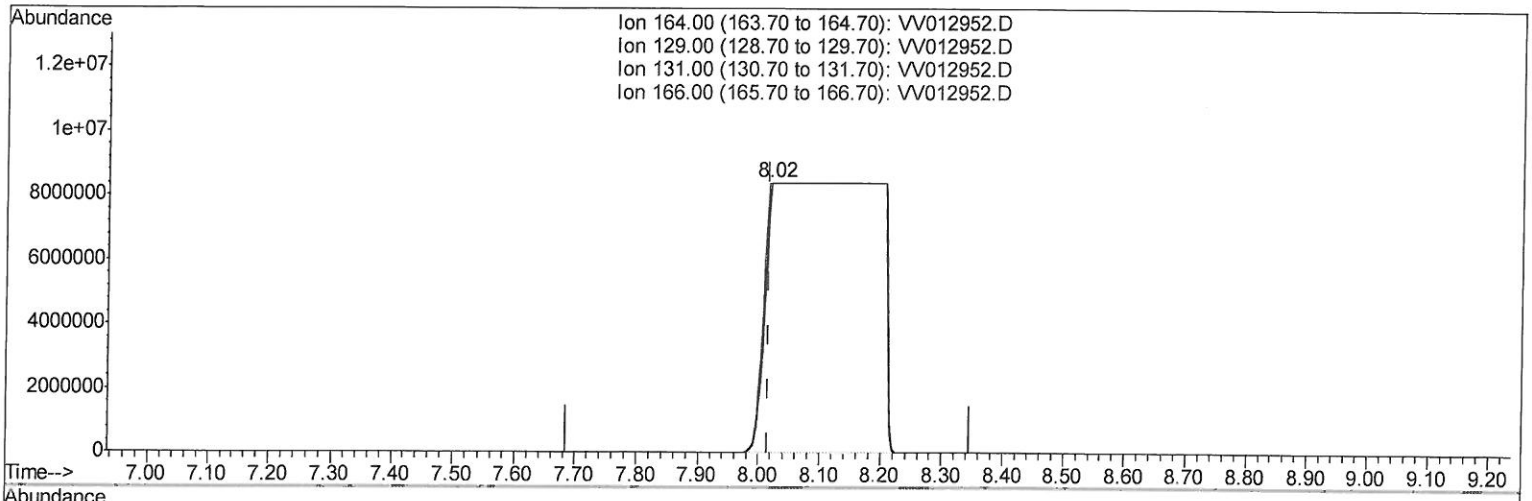
Quantitation Report (Qedit)

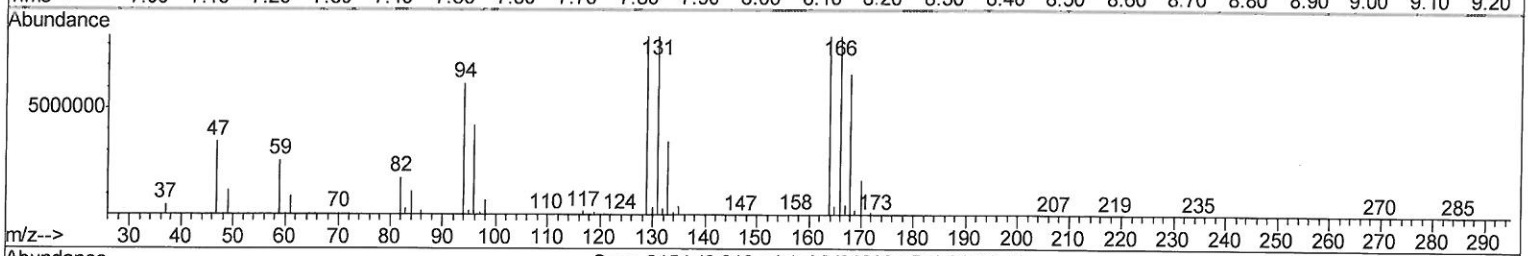
Data File : VV012952.D
Acq On : 23 Sep 2019 22:24
Operator : SY/MD
Sample : K4984-05
Misc : 5.86G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

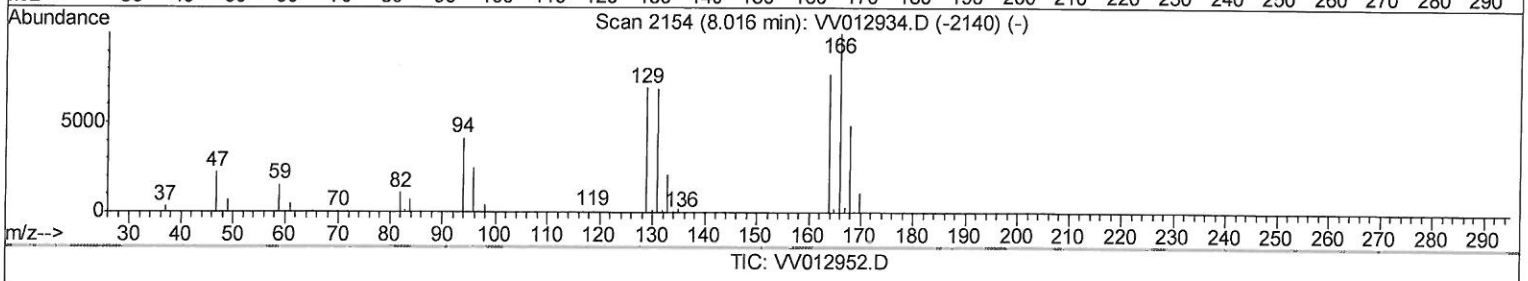
Quant Time: Sep 24 07:44:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BEDK9

Manual Integrations APPROVED
MMDadoda
9/24/2019 12:26:02 PM







TIC: VV012952.D

(47) Tetrachloroethene (T)

8.019min (+0.003) 11796.31ug/L m >09/24/19 SY

response 103117924

Ion	Exp%	Act%
164.00	100	100
129.00	89.70	100.00
131.00	86.00	100.00
166.00	127.70	100.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092319\

Quantitation Report (LSC Reviewed)

Data File : VV012952.D
Acq On : 23 Sep 2019 22:24
Operator : SY/MD
Sample : K4984-05
Misc : 5.86G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEDK9

Manual Integrations APPROVED
MMDadoda
9/24/2019 12:26:02 PM

Quant Time: Sep 24 14:46:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	793972	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.91	117	693614	25.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.30	152	240329	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	276409	22.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.76%			
7) Chloroethane-d5	1.58	69	236372	23.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.92%			
10) 1,1-Dichloroethene-d2	2.13	63	361917	17.67	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.68%			
20) 2-Butanone-d5	3.94	46	180311	42.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.78%			
24) Chloroform-d	4.40	84	467975	21.46	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.84%			
26) 1,2-Dichloroethane-d4	5.08	65	266274	21.00	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.00%			
29) Benzene-d6	5.10	84	963696	24.88	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.52%			
33) 1,2-Dichloropropane-d6	6.12	67	296574	24.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.72%			
37) Toluene-d8	7.37	98	792934	22.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.24%			
38) trans-1,3-Dichloropropene-	7.67	79	106964	20.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.24%			
39) 2-Hexanone-d5	0.00	63	0d	0.00	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.00%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	260063	22.56	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.24%			
61) 1,2-Dichlorobenzene-d4	11.67	152	236048	25.28	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.12%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	13080	1.457	ug/L #	1
13) Acetone	2.19	43	29962	6.627	ug/L	99
16) Methylene chloride	2.53	84	43616	3.675	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	16285	1.533	ug/L	97
22) cis-1,2-Dichloroethene	3.95	96	26326782m	2264.287	ug/L	
35) Trichloroethene	5.96	95	16569859	1540.608	ug/L	97
47) Tetrachloroethene	8.02	164	103117924m	11796.313	ug/L	
64) 1,4-Dichlorobenzene	11.32	146	512720	33.023	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	418454	29.656	ug/L #	93

09/24/19 JY

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