Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022020\

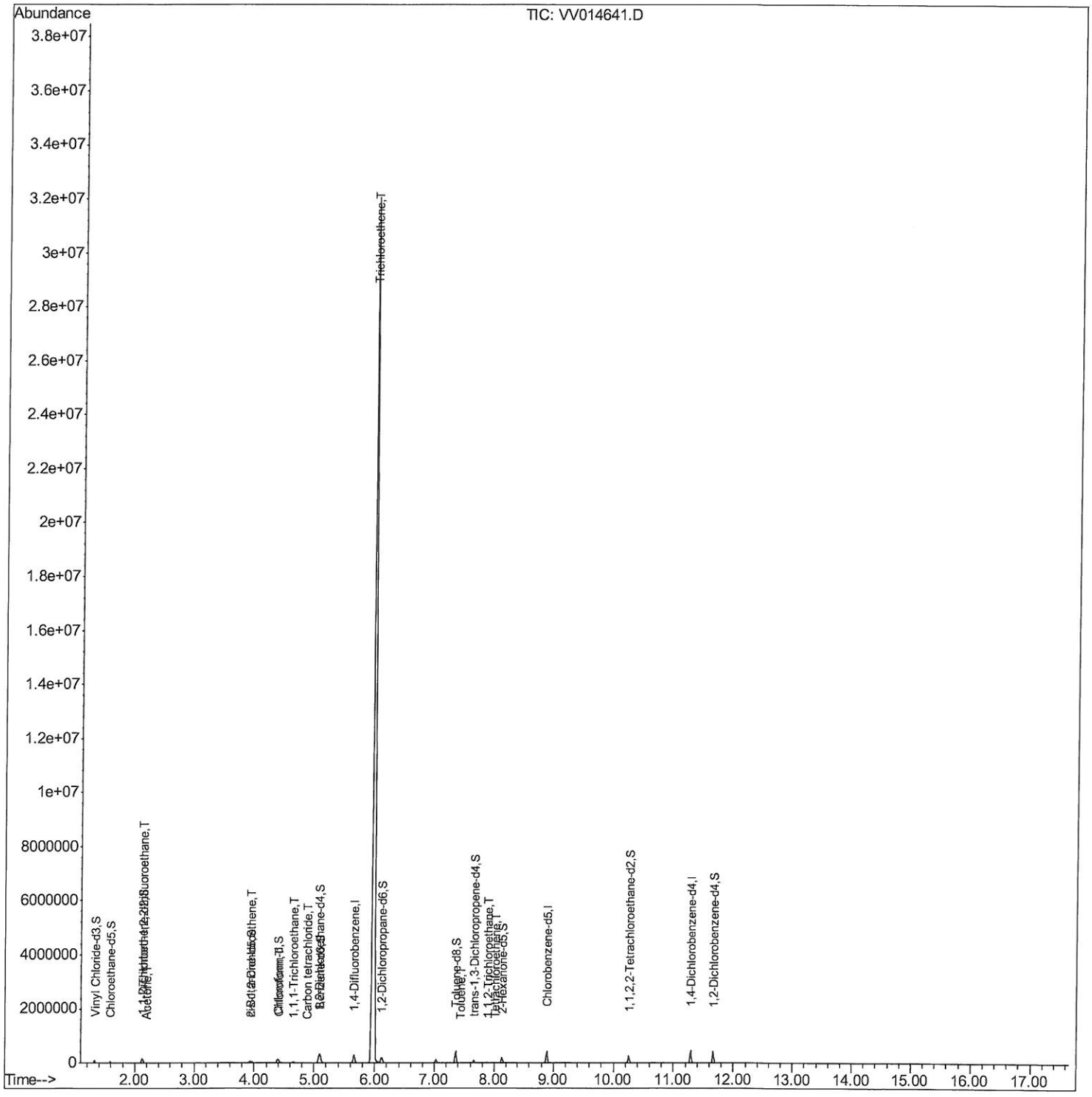
Quantitation Report (QT Reviewed)

Data File : VV014641.D
Acq On : 20 Feb 2020 22:05
Operator : SY/MD
Sample : L1607-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 21 06:10:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 03:31:59 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0AQ5

Manual Integrations APPROVED
MMDadoda
2/24/2020 4:13:17 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022020\

Quantitation Report (Qedit)

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Acq On : 20 Feb 2020 22:05
Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 21 03:37:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 03:31:59 2020
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Instrument :
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ClientSampleId :
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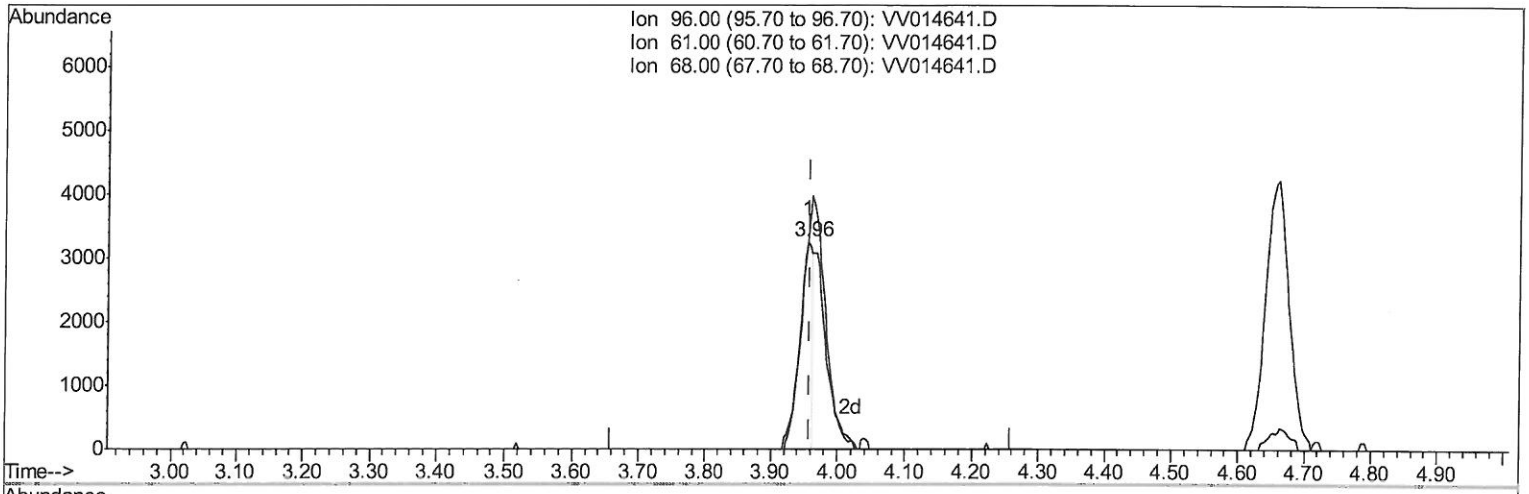
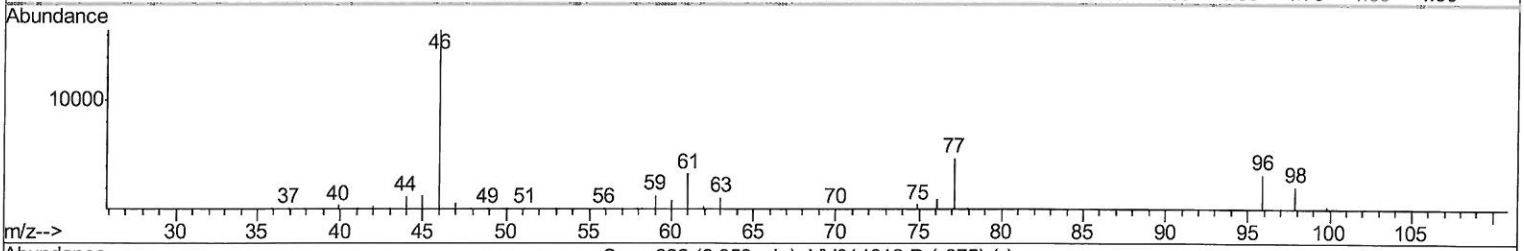
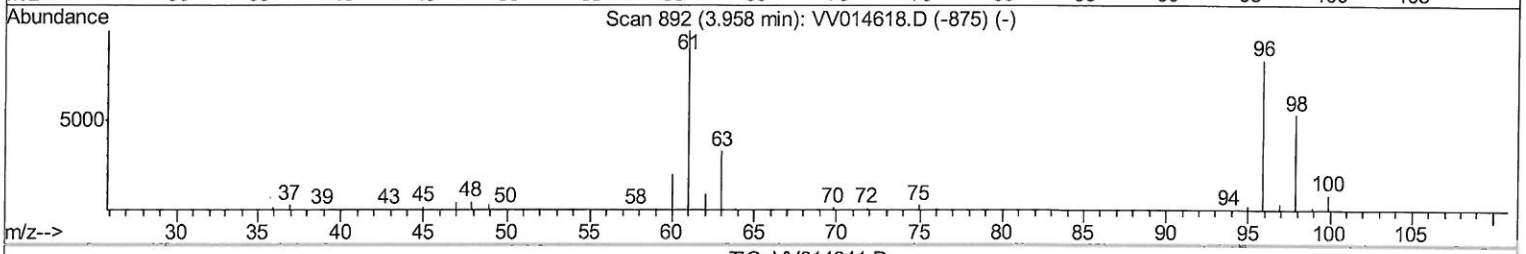
Manual Integrations APPROVED
MMDadoda
2/24/2020 4:13:17 PM







TIC: VV014641.D

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

3.955min (-0.003) 2.33ug/L

response 4285

Ion	Exp%	Act%
96.00	100	100
61.00	122.70	101.97
68.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022020\

Quantitation Report (Qedit)

Data File : VV014641.D
Acq On : 20 Feb 2020 22:05
Operator : SY/MD
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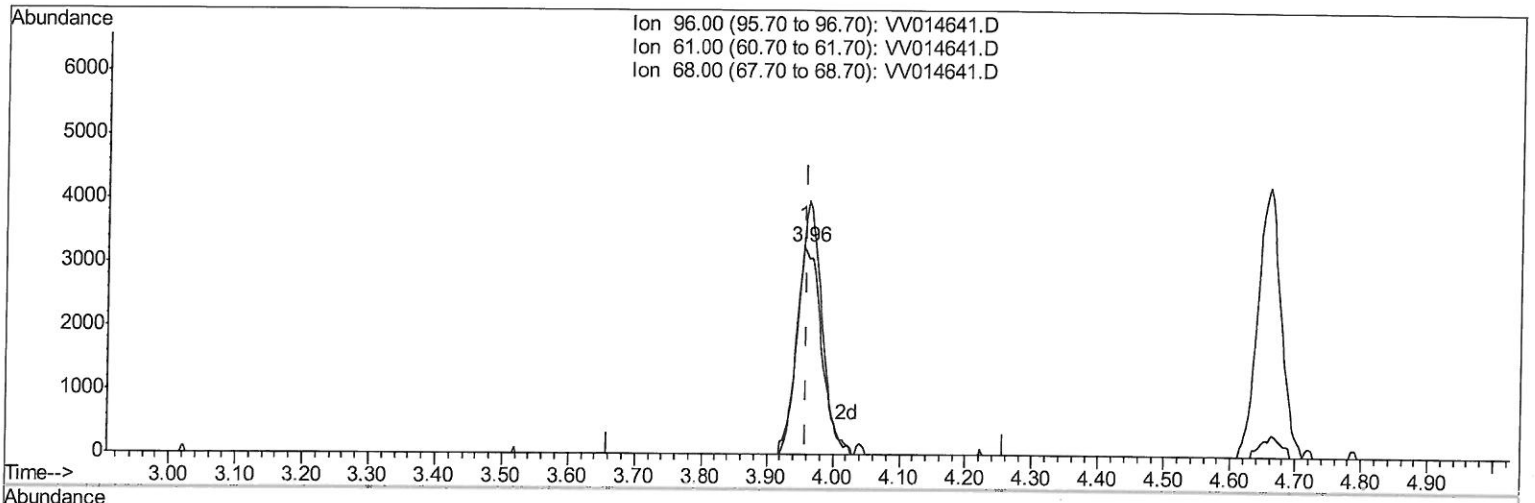
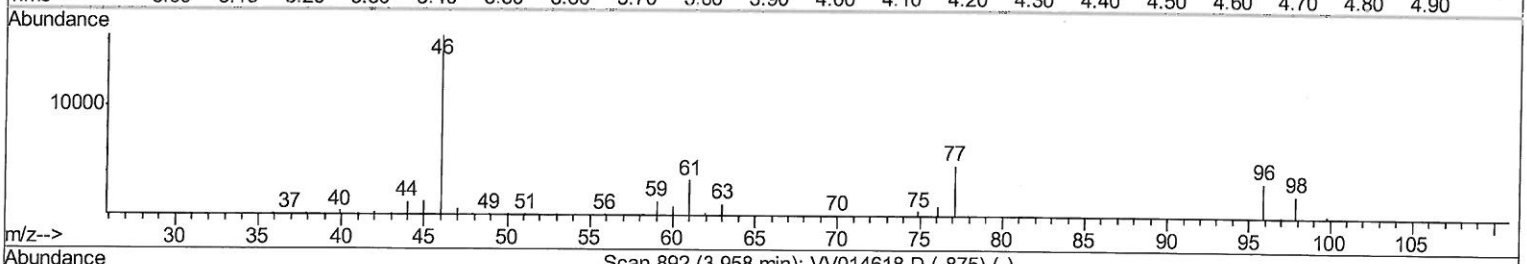
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

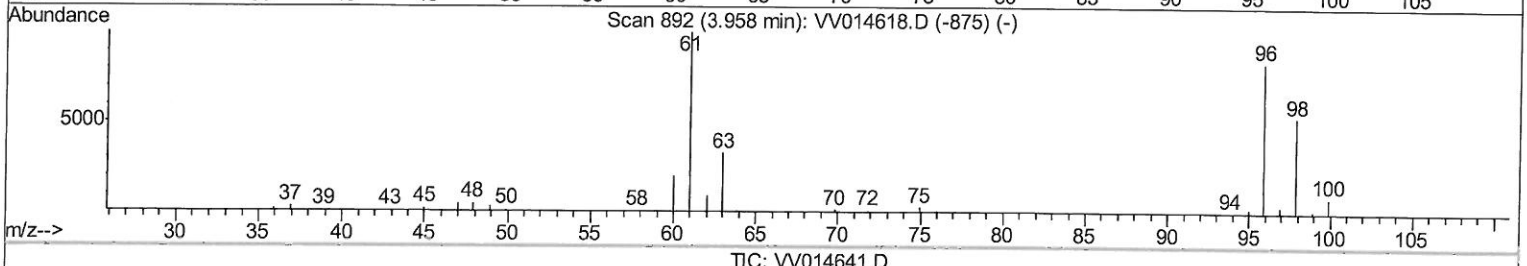
Quant Time: Feb 21 03:37:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 03:31:59 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0AQ5

Manual Integrations APPROVED
MMDadoda
2/24/2020 4:13:17 PM







TIC: VV014641.D

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

3.955min (-0.003) 4.64ug/L m

response 8541

7 MD 2/26/20

Ion	Exp%	Act%
96.00	100	100
61.00	122.70	101.97
68.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022020\

Quantitation Report (QT Reviewed)

Data File : VV014641.D
Acq On : 20 Feb 2020 22:05
Operator : SY/MD
Sample : L1607-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AQ5

Manual Integrations APPROVED
MMDadoda
2/24/2020 4:13:17 PM

Quant Time: Feb 21 06:10:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 03:31:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	263395	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	244313	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	118684	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	58360	57.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 115.38%			
7) Chloroethane-d5	1.59	69	39652	55.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.48%			
11) 1,1-Dichloroethene-d2	2.13	63	72967	43.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.46%			
21) 2-Butanone-d5	3.93	46	84929	101.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.25%			
24) Chloroform-d	4.40	84	148595	50.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.74%			
26) 1,2-Dichloroethane-d4	5.08	65	98244	53.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.38%			
32) Benzene-d6	5.10	84	311110	53.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.50%			
36) 1,2-Dichloropropane-d6	6.12	67	96280	54.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.42%			
41) Toluene-d8	7.35	98	292479	52.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.06%			
43) trans-1,3-Dichloropropene-	7.66	79	49234	50.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.48%			
47) 2-Hexanone-d5	8.13	63	71114	101.13	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.13%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	120641	50.51	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.02%			
64) 1,2-Dichlorobenzene-d4	11.67	152	111990	53.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.82%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	10690	12.301	ug/L	96
13) Acetone	2.20	43	2408	3.346	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	8541m	4.636	ug/L	
25) Chloroform	4.42	83	11749	3.800	ug/L	92
30) 1,1,1-Trichloroethane	4.66	97	25590	9.628	ug/L	99
31) Carbon tetrachloride	4.88	117	2435	1.015	ug/L	88
34) Trichloroethene	5.98	95	12007602	6936.940	ug/L	97
42) Toluene	7.43	91	4759	0.680	ug/L	91
45) 1,1,2-Trichloroethane	7.88	97	6998	4.277	ug/L	93
46) Tetrachloroethene	8.02	164	2641	1.940	ug/L	97

MD 2/26/20

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