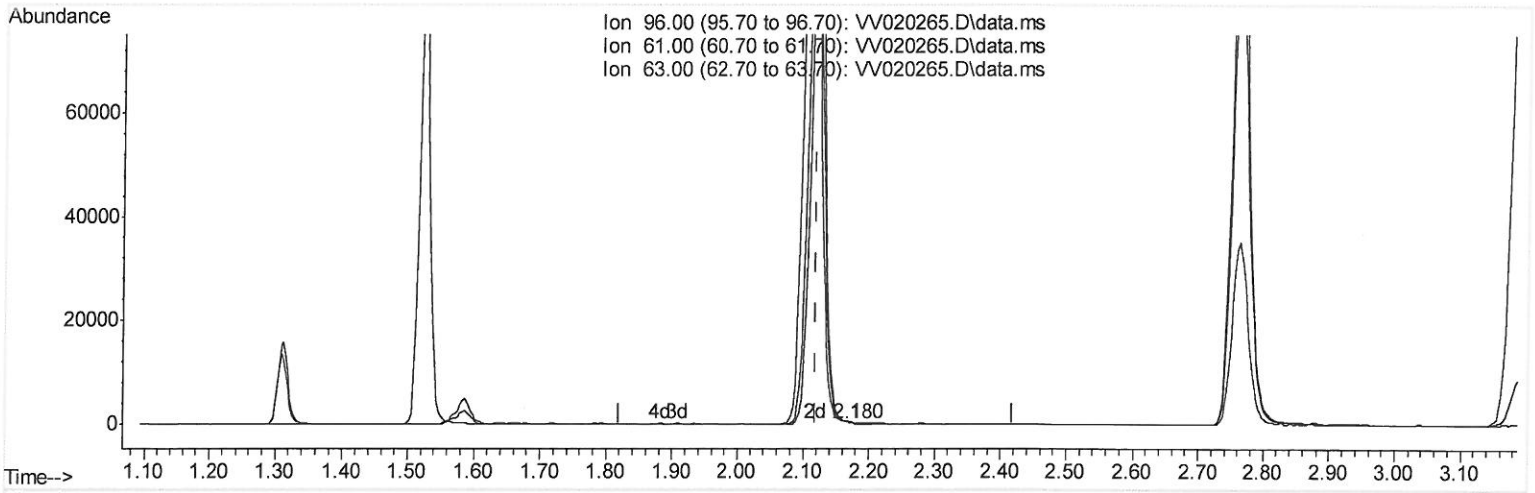
Quantitation Report (Qedit)

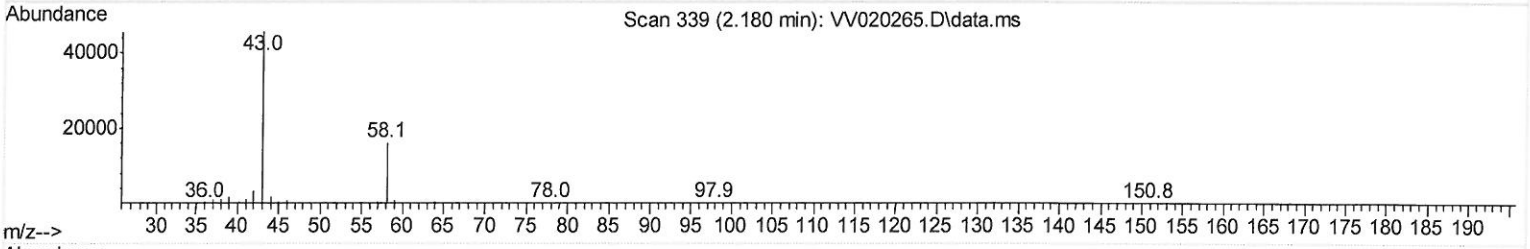
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020321\
Data File : VV020265.D
Acq On : 03 Feb 2021 20:39
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

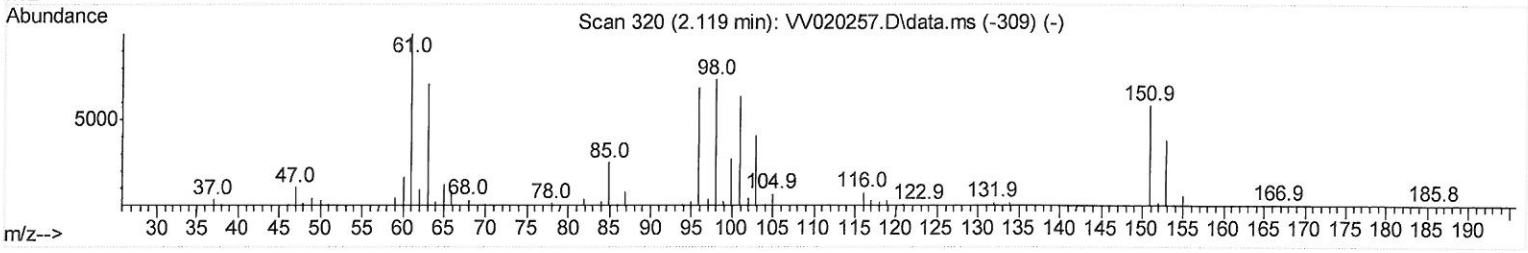
Quant Time: Feb 03 23:53:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 03 17:26:57 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTD05085

Manual Integrations APPROVED
MMDadoda
2/4/2021 4:35:53 PM







TIC: VV020265.D\data.ms

(12) 1,1-Dichloroethene (T)

2.180min (+ 0.061) 0.02 ug/L

response 47

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	192.70	158.20
63.00	168.00	135.25
0.00	0.00	0.00

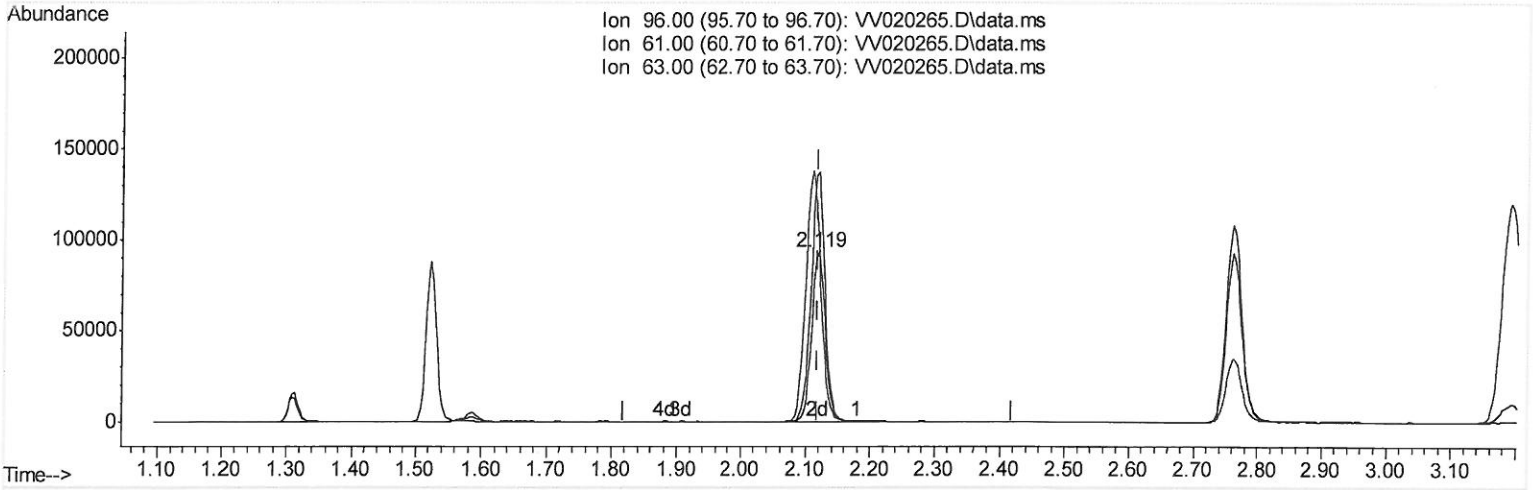
Quantitation Report (Qedit)

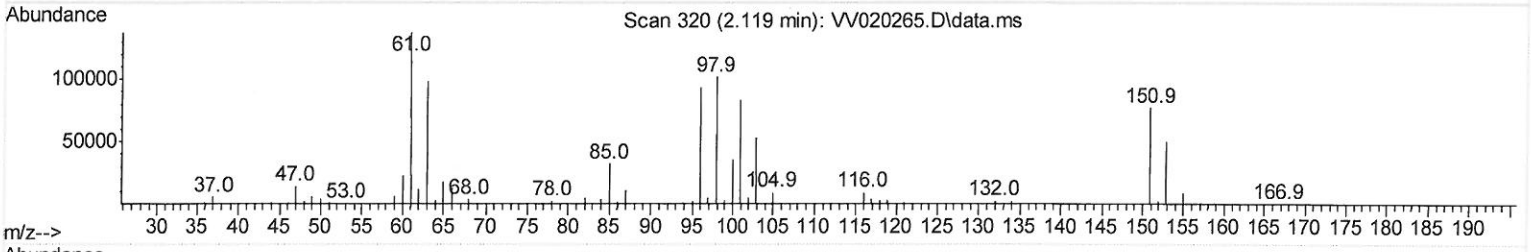
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020321\
Data File : VV020265.D
Acq On : 03 Feb 2021 20:39
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

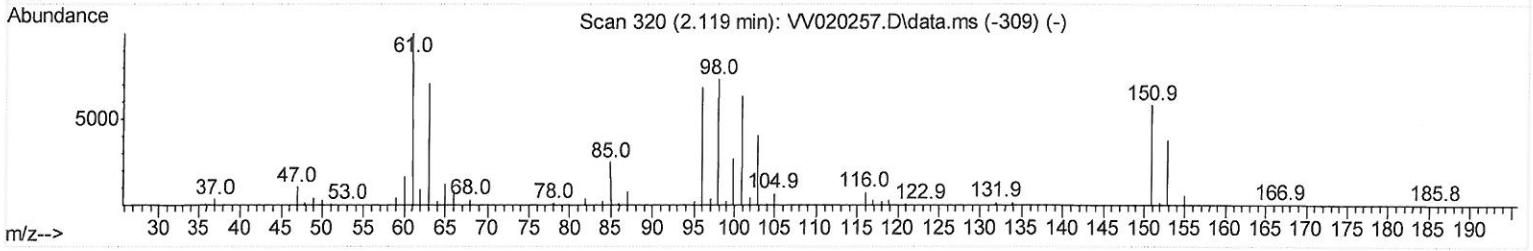
Quant Time: Feb 03 23:53:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 03 17:26:57 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTD05085

Manual Integrations APPROVED
MMDadoda
2/4/2021 4:35:53 PM







TIC: VV020265.D\data.ms

(12) 1,1-Dichloroethene (T)

2.119min (+ 0.000) 50.44 ug/L m

response 136423

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	192.70	147.21
63.00	168.00	105.25#
0.00	0.00	0.00

02/05/21 SY

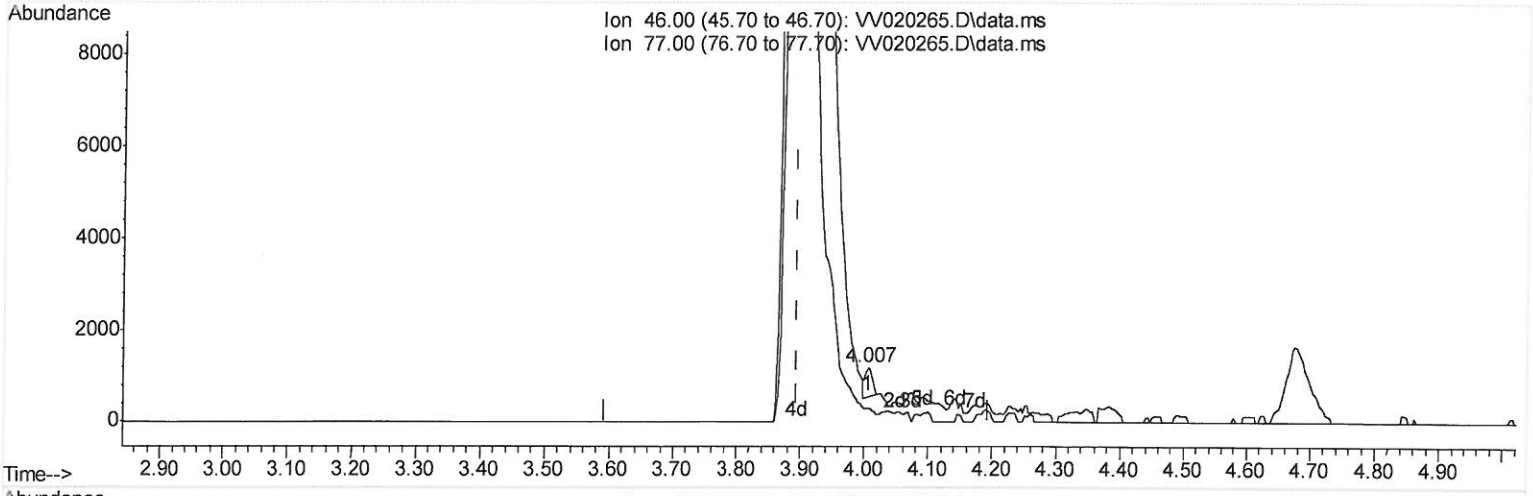
Quantitation Report (Qedit)

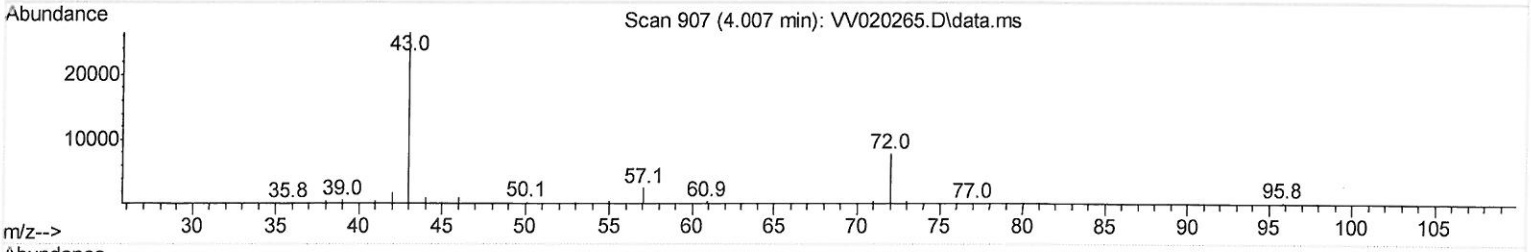
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020321\
Data File : VV020265.D
Acq On : 03 Feb 2021 20:39
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

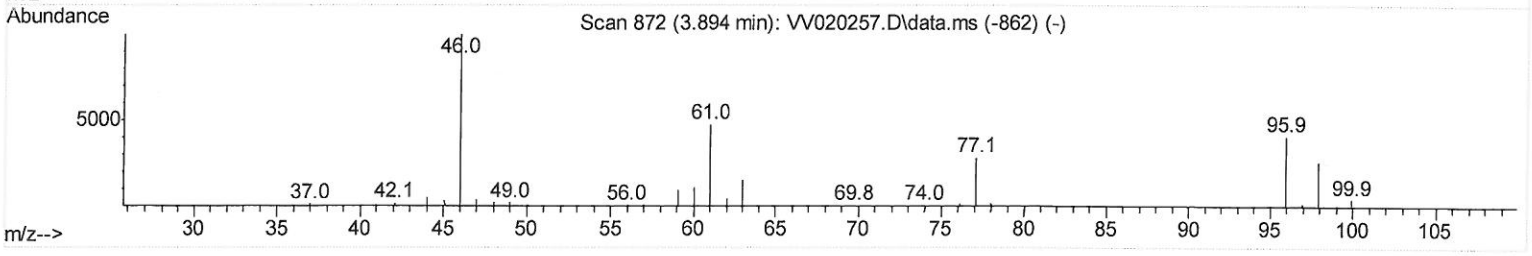
Quant Time: Feb 03 23:53:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 03 17:26:57 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTD05085

Manual Integrations APPROVED
MMDadoda
2/4/2021 4:35:53 PM







TIC: VV020265.D\data.ms

(21) 2-Butanone-d5 (S)

4.007min (+ 0.113) 0.29 ug/L

response 529

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	22.90	18.34
0.00	0.00	0.00
0.00	0.00	0.00

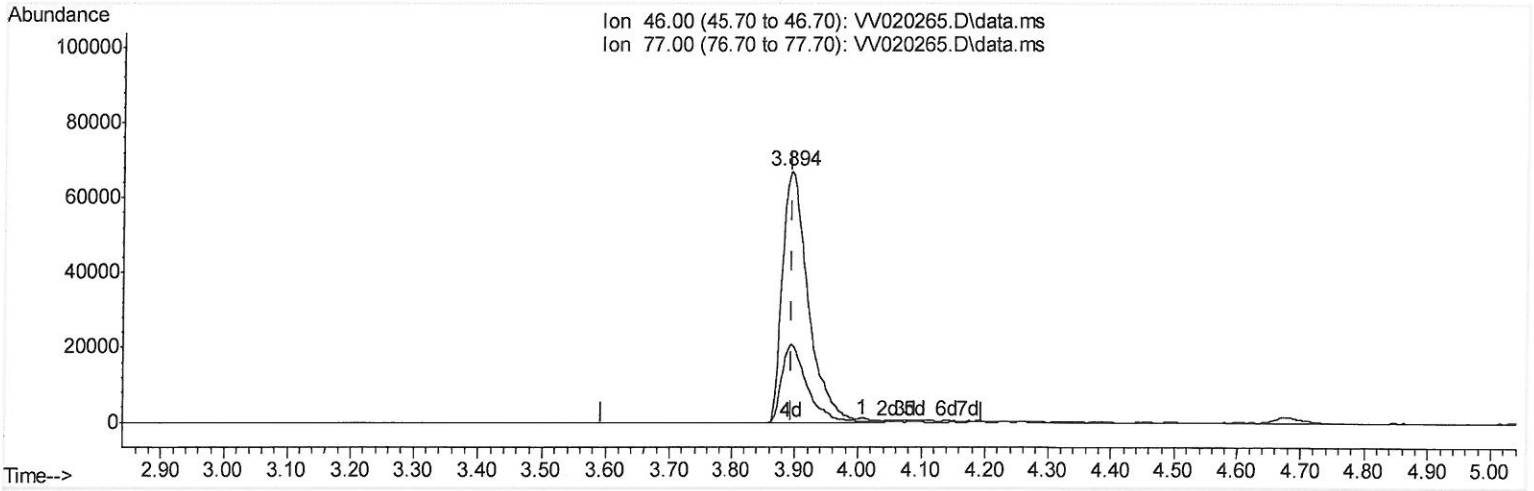
Quantitation Report (Qedit)

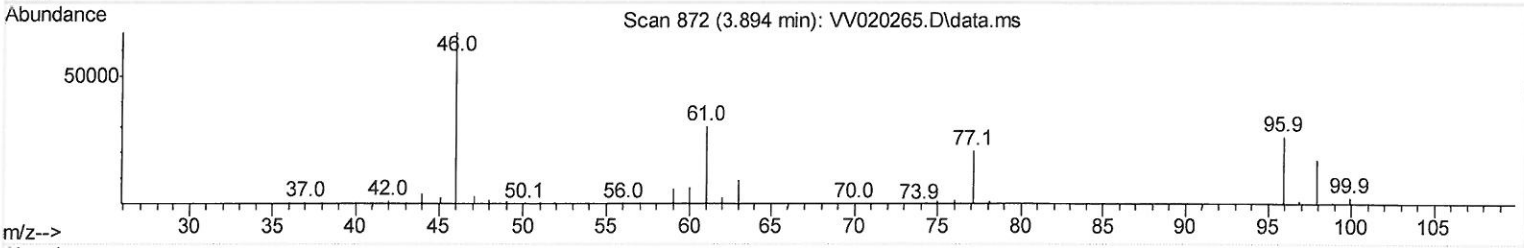
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020321\
Data File : VV020265.D
Acq On : 03 Feb 2021 20:39
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

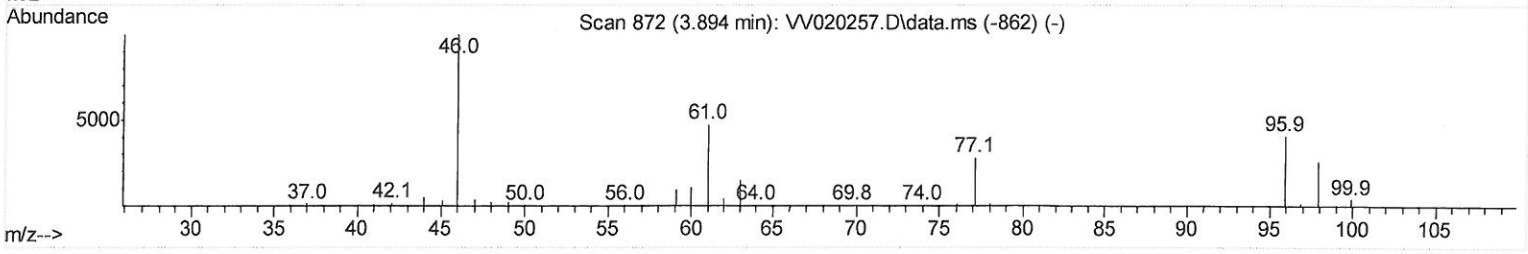
Quant Time: Feb 03 23:53:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 03 17:26:57 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTD05085

Manual Integrations APPROVED
MMDadoda
2/4/2021 4:35:53 PM







TIC: VV020265.D\data.ms

(21) 2-Butanone-d5 (S)

3.894min (-0.000) 103.55 ug/L m 2021/05/21 SY

response 191226

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	22.90	0.05#
0.00	0.00	0.00
0.00	0.00	0.00

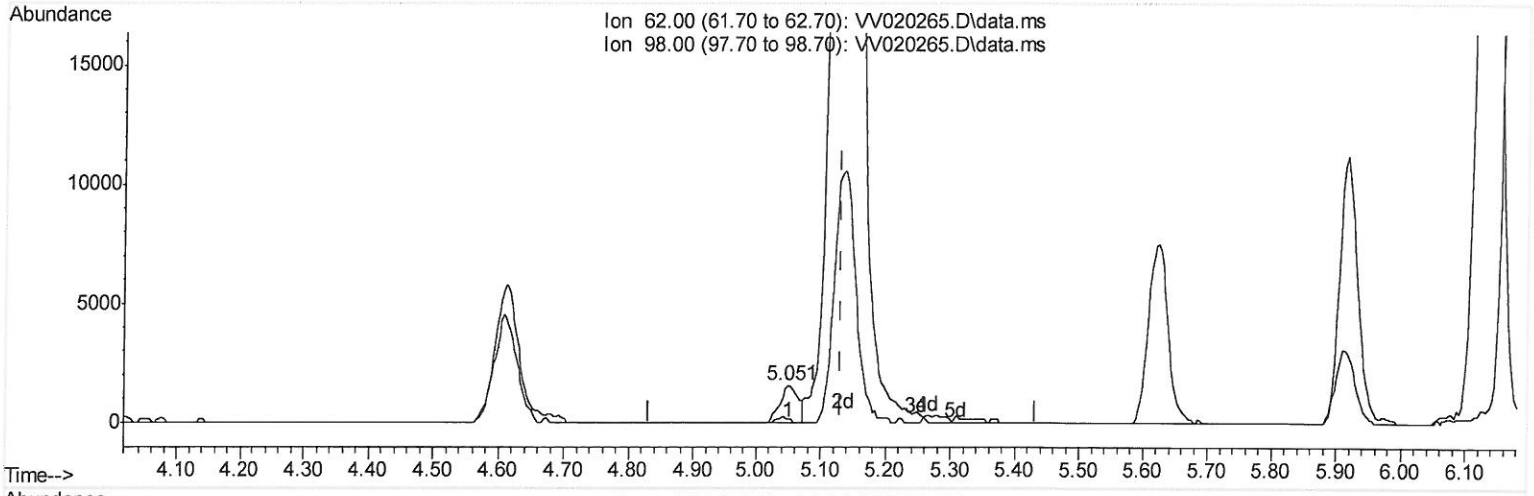
Quantitation Report (Qedit)

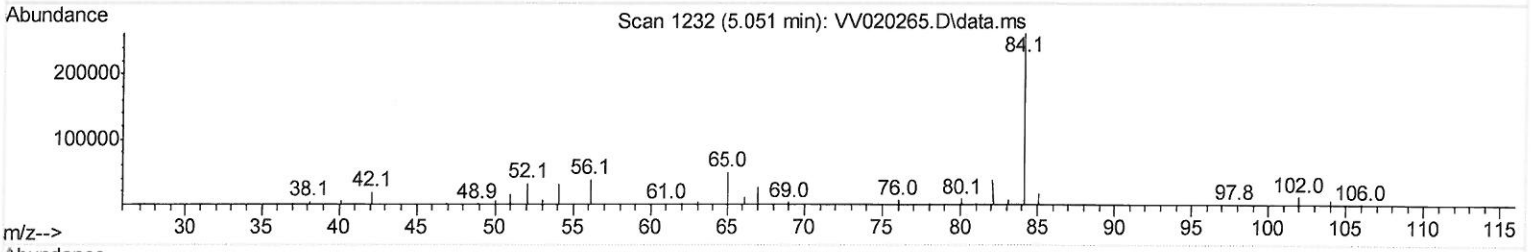
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020321\
Data File : VV020265.D
Acq On : 03 Feb 2021 20:39
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

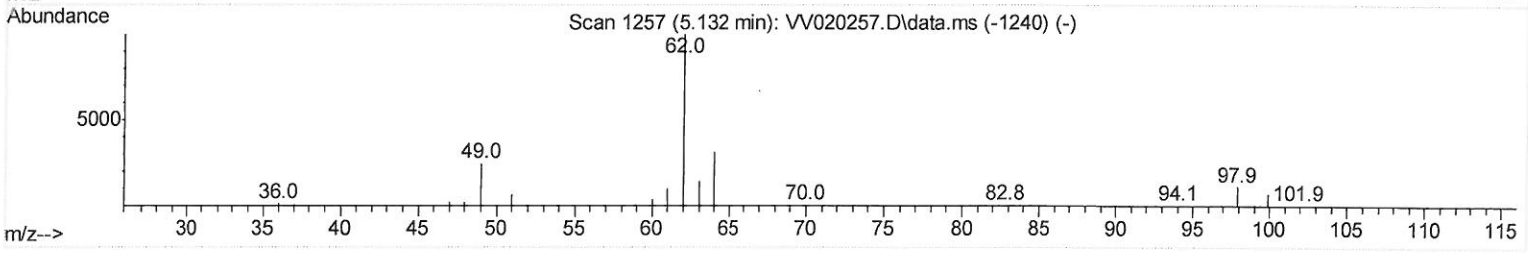
Quant Time: Feb 03 23:53:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 03 17:26:57 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTD05085

Manual Integrations APPROVED
MMDadoda
2/4/2021 4:35:53 PM







TIC: VV020265.D\data.ms

(27) 1,2-Dichloroethane (T)

5.051min (-0.080) 0.71 ug/L

response 2961

Ion	Exp%	Act%
62.00	100.00	100.00
98.00	8.60	8.59
0.00	0.00	0.00
0.00	0.00	0.00

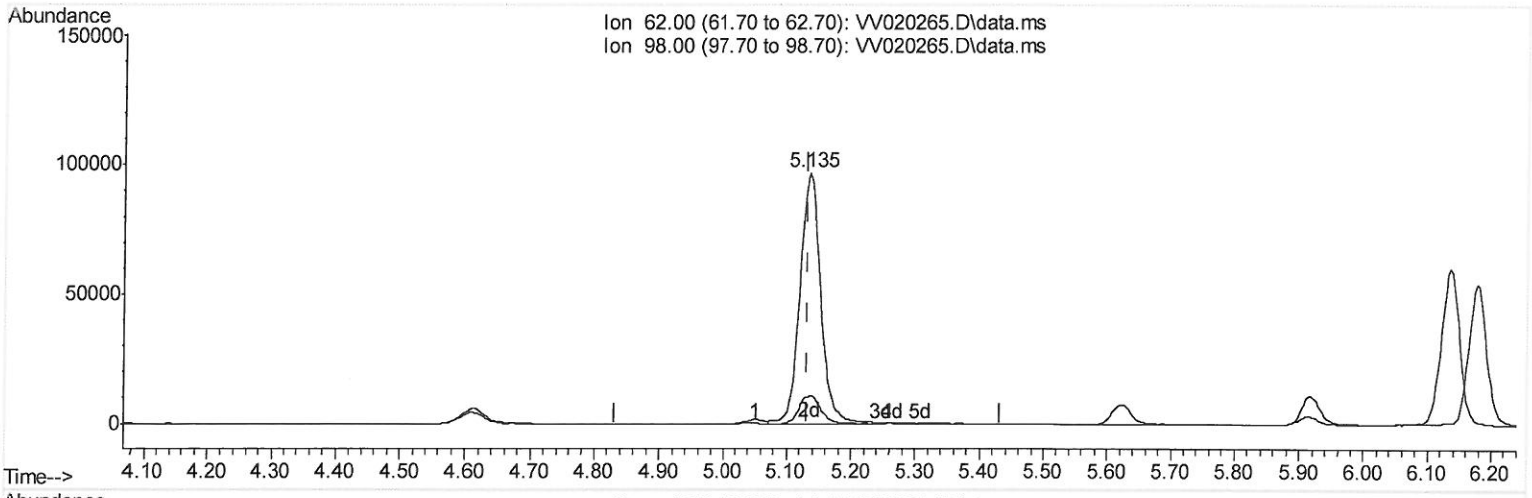
Quantitation Report (Qedit)

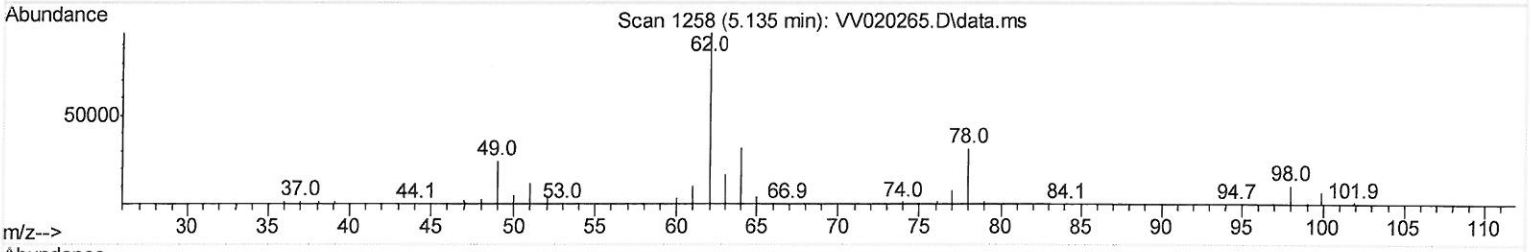
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020321\
Data File : VV020265.D
Acq On : 03 Feb 2021 20:39
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

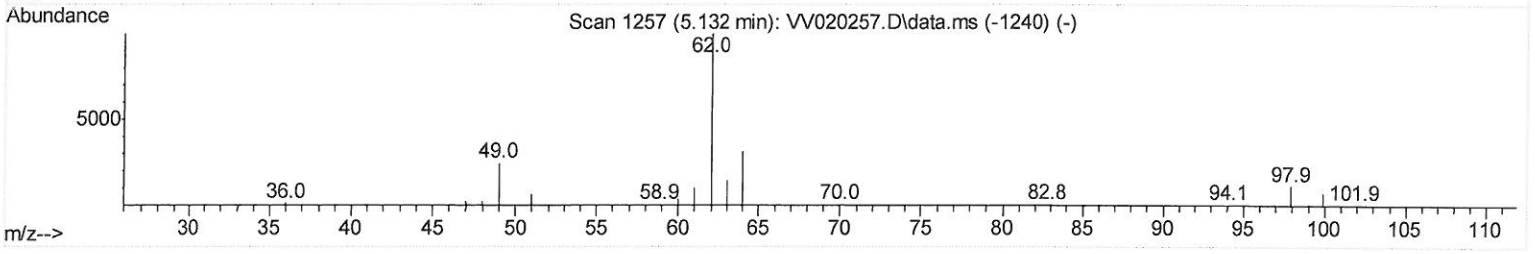
Quant Time: Feb 03 23:53:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 03 17:26:57 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTD05085

Manual Integrations APPROVED
MMDadoda
2/4/2021 4:35:53 PM







TIC: VV020265.D\data.ms

(27) 1,2-Dichloroethane (T)

5.135min (+ 0.003) 52.24 ug/L m 202/05/21 SY

response 216437

Ion	Exp%	Act%
62.00	100.00	100.00
98.00	8.60	10.85#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020321\
Data File : VV020265.D
Acq On : 03 Feb 2021 20:39
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 03 23:53:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 03 17:26:57 2021
Response via : Initial Calibration

Instrument : MSVOA_V
LabSampleId : VSTD05085

Manual Integrations APPROVED
MMDadoda
2/4/2021 4:35:53 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	560293	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.855	117	532390	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	313376	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	111216	49.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.04%			
7) Chloroethane-d5	1.569	69	93628	48.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.94%			
11) 1,1-Dichloroethene-d2	2.109	63	223764	48.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.68%			
21) 2-Butanone-d5	3.894	46	191226m	103.55	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.55%			
24) Chloroform-d	4.354	84	301714	50.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.84%			
26) 1,2-Dichloroethane-d4	5.035	65	181945	50.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.00%			
32) Benzene-d6	5.055	84	578456	51.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.08%			
36) 1,2-Dichloropropane-d6	6.074	67	169678	51.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.36%			
41) Toluene-d8	7.318	98	569123	51.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.66%			
43) trans-1,3-Dichloroprop...	7.624	79	89780	50.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.50%			
47) 2-Hexanone-d5	8.090	63	160139	109.00	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.00%			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	267513	51.60	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	11.630	152	291334	50.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	155938	48.86	ug/L	100
3) Chloromethane	1.241	50	125919	49.00	ug/L	97
5) Vinyl chloride	1.312	62	145849	51.03	ug/L	99
6) Bromomethane	1.524	94	101750	51.42	ug/L	95
8) Chloroethane	1.585	64	85358	49.91	ug/L	98
9) Trichlorofluoromethane	1.753	101	243959	51.25	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	139619	48.20	ug/L #	78
12) 1,1-Dichloroethene	2.119	96	136423m	50.44	ug/L	
13) Acetone	2.187	43	116668	95.25	ug/L	91
14) Carbon disulfide	2.296	76	375941	49.97	ug/L	99
15) Methyl Acetate	2.437	43	130659	50.37	ug/L #	84
16) Methylene chloride	2.508	84	162441	51.72	ug/L	80
17) trans-1,2-Dichloroethene	2.762	96	160243	51.83	ug/L	83
18) Methyl tert-butyl Ether	2.772	73	475540	51.87	ug/L	93
19) 1,1-Dichloroethane	3.193	63	258306	51.20	ug/L	98
20) cis-1,2-Dichloroethene	3.916	96	176883	51.79	ug/L	78
22) 2-Butanone	3.974	43	189171	106.65	ug/L	89
23) Bromochloromethane	4.254	128	104498	52.22	ug/L #	65
25) Chloroform	4.379	83	292248	51.19	ug/L	95
27) 1,2-Dichloroethane	5.135	62	216437m	52.24	ug/L	

02/05/21 SY

02/05/21 SY

02/05/21 SY

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020321\
Data File : VV020265.D
Acq On : 03 Feb 2021 20:39
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 03 23:53:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 03 17:26:57 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTD05085

Manual Integrations APPROVED
MMDadoda
2/4/2021 4:35:53 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) Cyclohexane	4.682	56	201532	49.53	ug/L	#	83
30) 1,1,1-Trichloroethane	4.614	97	274664	53.24	ug/L	#	92
31) Carbon tetrachloride	4.833	117	245178	52.81	ug/L		98
33) Benzene	5.103	78	621955	52.94	ug/L		100
34) Trichloroethene	5.916	95	172242	51.01	ug/L		82
35) Methylcyclohexane	6.135	83	236071	48.79	ug/L		88
37) 1,2-Dichloropropane	6.177	63	147784	52.32	ug/L	#	94
38) Bromodichloromethane	6.514	83	219444	53.68	ug/L	#	99
39) cis-1,3-Dichloropropene	7.029	75	248582	53.42	ug/L		100
40) 4-Methyl-2-pentanone	7.228	43	371569	108.34	ug/L	#	85
42) Toluene	7.389	91	696118	52.86	ug/L		99
44) trans-1,3-Dichloropropene	7.653	75	239381	52.68	ug/L		98
45) 1,1,2-Trichloroethane	7.842	97	173662	52.96	ug/L		94
46) Tetrachloroethene	7.981	164	172201	50.88	ug/L		88
48) 2-Hexanone	8.141	43	284377	106.75	ug/L	#	86
49) Dibromochloromethane	8.251	129	206890	53.31	ug/L		98
50) 1,2-Dibromoethane	8.357	107	190790	53.69	ug/L	#	99
51) Chlorobenzene	8.884	112	497570	51.69	ug/L		92
52) Ethylbenzene	9.016	91	777073	52.25	ug/L		95
53) m,p-Xylene	9.141	106	313425	52.77	ug/L		88
54) o-xylene	9.546	106	308287	53.19	ug/L		88
55) Styrene	9.563	104	542532	54.03	ug/L		91
56) Isopropylbenzene	9.936	105	812355	52.79	ug/L		95
58) 1,1,2,2-Tetrachloroethane	10.247	83	260260	52.31	ug/L	#	96
59) 1,2,3-Trichloropropane	10.280	75	208097	52.25	ug/L		98
61) Bromoform	9.736	173	172756	54.50	ug/L	#	96
62) 1,3-Dichlorobenzene	11.186	146	450737	52.16	ug/L		94
63) 1,4-Dichlorobenzene	11.280	146	460938	51.56	ug/L		94
65) 1,2-Dichlorobenzene	11.649	146	454493	52.71	ug/L		94
66) 1,2-Dibromo-3-chloropr...	12.434	75	60559	54.36	ug/L	#	44
67) 1,3,5-Trichlorobenzene	12.652	180	390977	51.57	ug/L		97
68) 1,2,4-trichlorobenzene	13.270	180	351553	51.48	ug/L		95
69) Naphthalene	13.508	128	959172	56.72	ug/L		99
70) 1,2,3-Trichlorobenzene	13.752	180	354895	52.48	ug/L		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020321\
Data File : VV020265.D
Acq On : 03 Feb 2021 20:39
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 03 23:53:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 03 17:26:57 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTD05085

Manual Integrations APPROVED
MMDadoda
2/4/2021 4:35:53 PM