Quantitation Report (QT Reviewed)

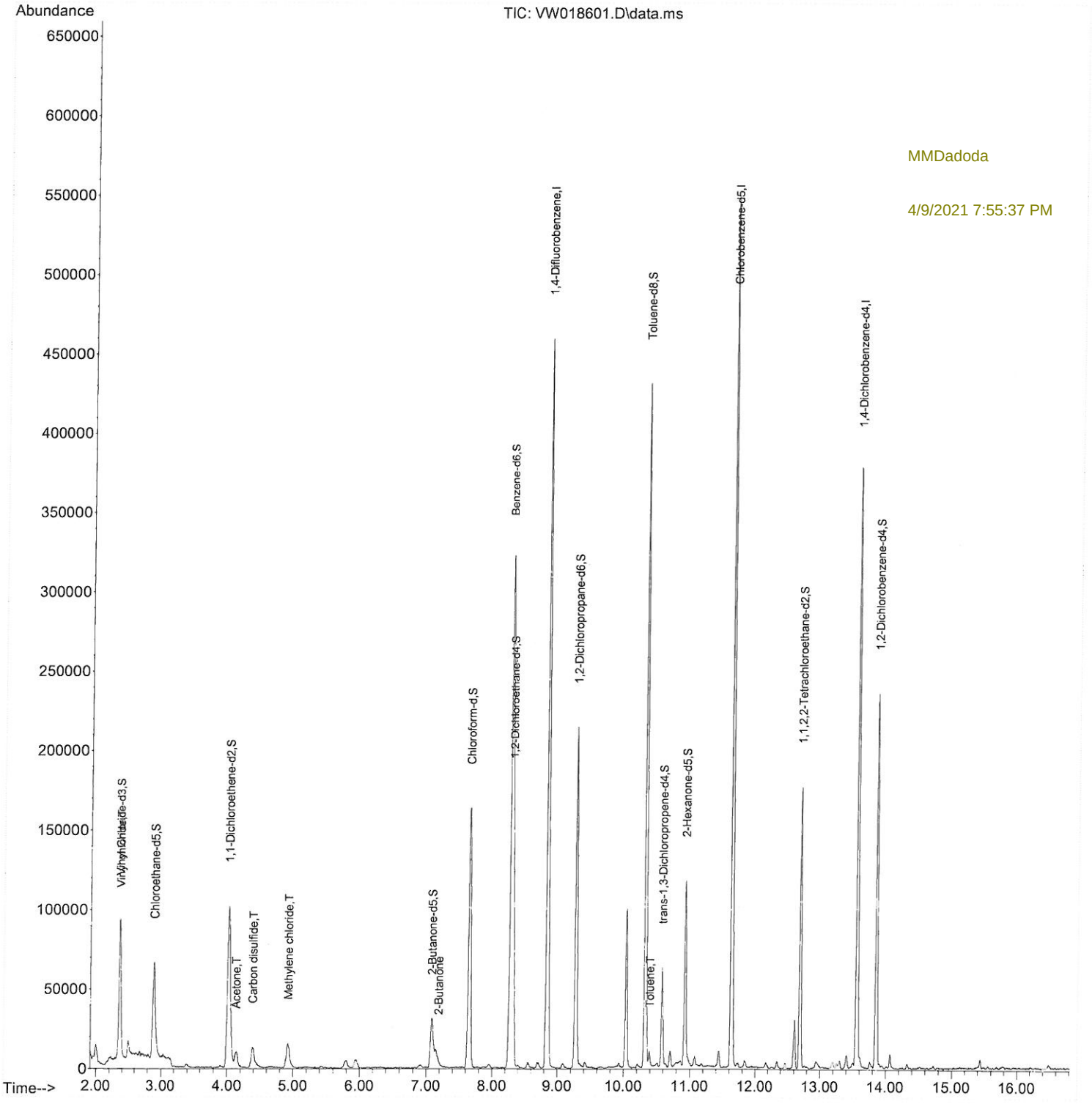
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
Data File : VW018601.D
Acq On : 08 Apr 2021 14:19
Operator : SY/VA
Sample : M1968-05
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 09 03:13:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 09 03:11:49 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG5A9

Manual Integrations APPROVED
MMDadoda
4/9/2021 7:55:37 PM

4/9/2021 7:55:37 PM



MMDadoda

4/9/2021 7:55:37 PM

Quantitation Report (Qedit)

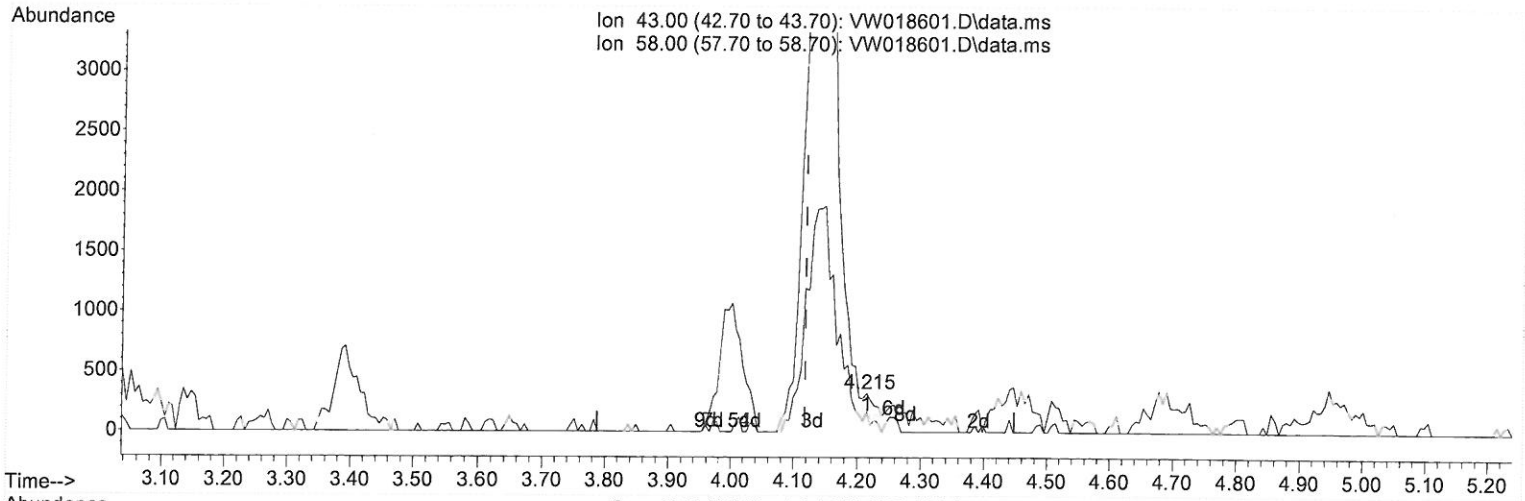
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
Data File : VW018601.D
Acq On : 08 Apr 2021 14:19
Operator : SY/VA
Sample : M1968-05
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

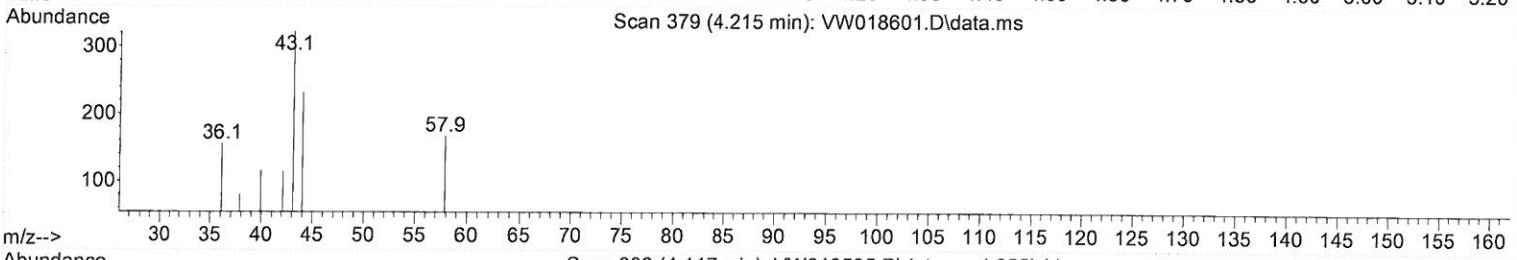
Quant Time: Apr 09 03:13:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 09 03:11:49 2021
Response via : Initial Calibration

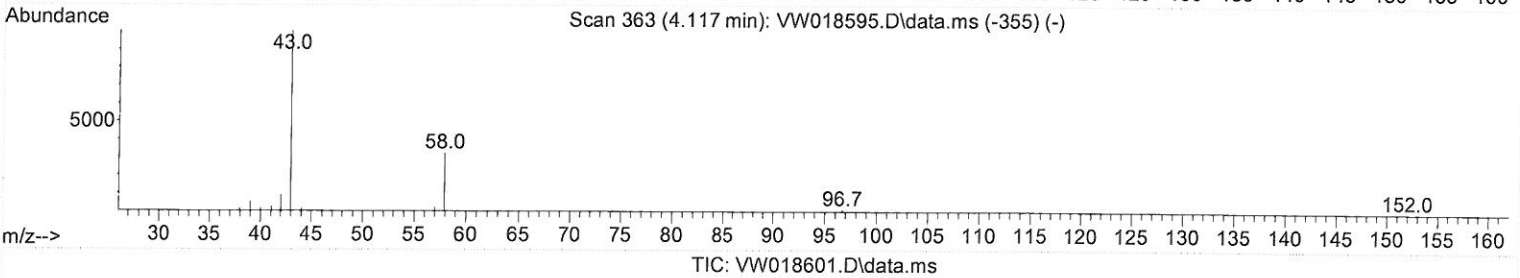
Instrument :
MSVOA_W
ClientSampleId :
BG5A9

Manual Integrations APPROVED
MMDadoda
4/9/2021 7:55:37 PM

4/9/2021 7:55:37 PM







TIC: VW018601.D\data.ms

(13) Acetone (T)

4.215min (+ 0.098) 0.20 ug/L

response 167

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	31.10	49.10
0.00	0.00	0.00
0.00	0.00	0.00

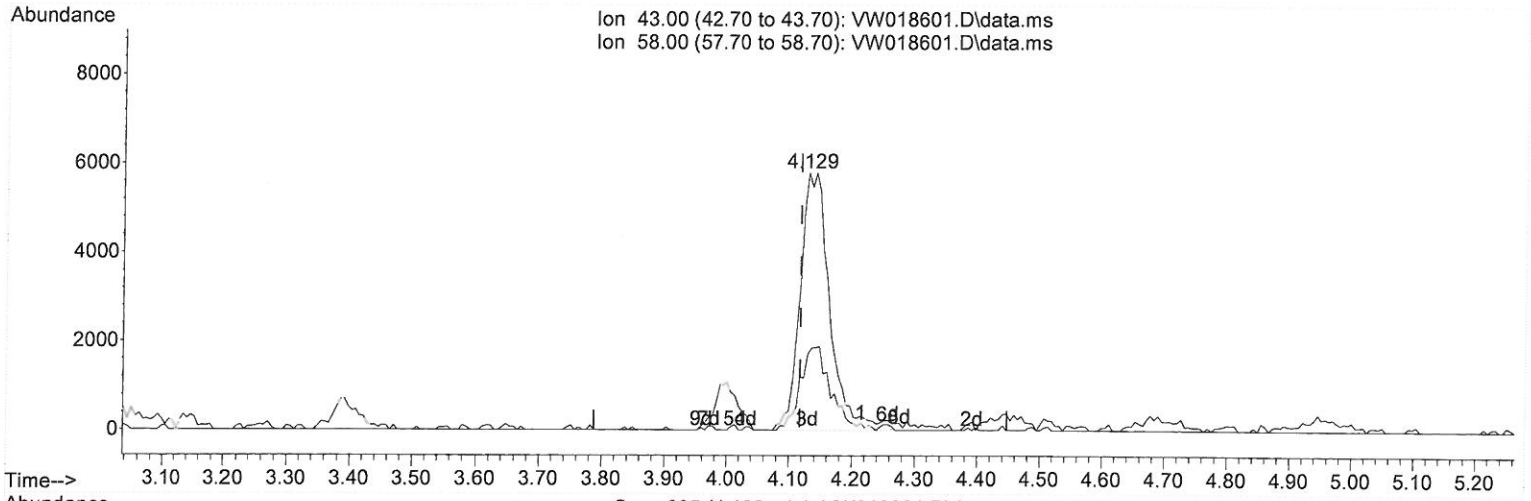
Quantitation Report (Qedit)

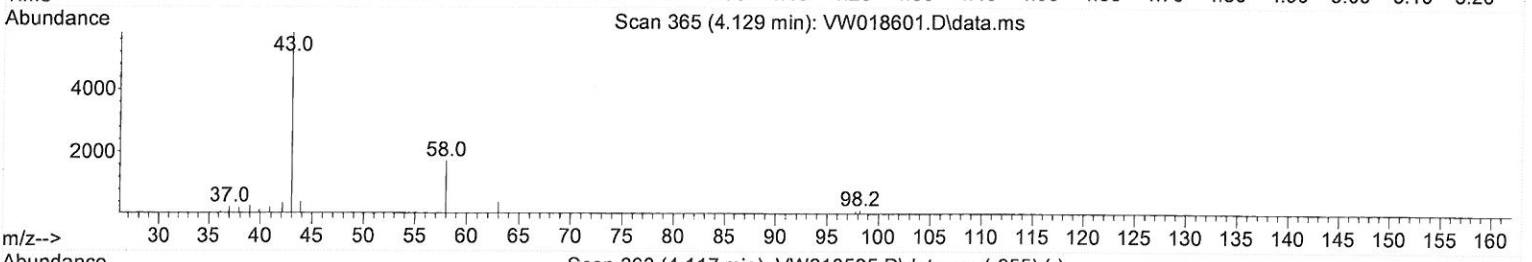
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
Data File : VW018601.D
Acq On : 08 Apr 2021 14:19
Operator : SY/VA
Sample : M1968-05
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

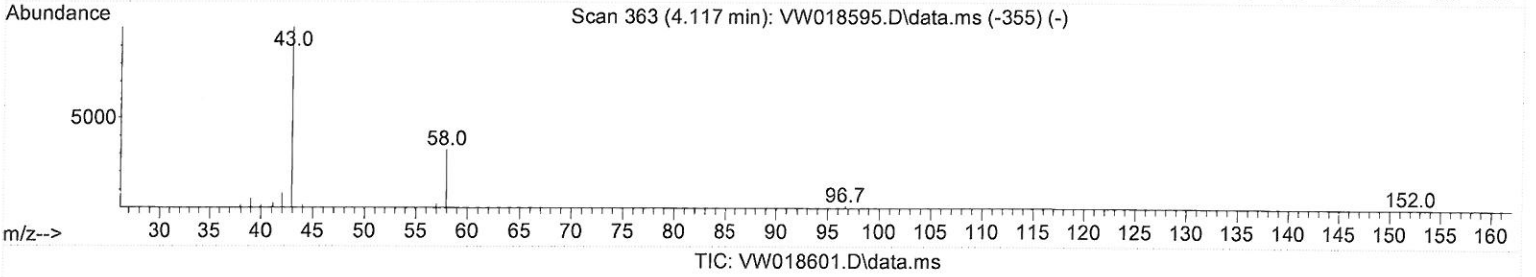
Quant Time: Apr 09 03:13:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 09 03:11:49 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG5A9

Manual Integrations APPROVED
MMDadoda
4/9/2021 7:55:37 PM
4/9/2021 7:55:37 PM







TIC: VW018601.D\data.ms

(13) Acetone (T)

4.129min (+ 0.012) 22.57 ug/L m

response 18986

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	31.10	0.43
0.00	0.00	0.00
0.00	0.00	0.00

DMD 4/12/21

Quantitation Report (Qedit)

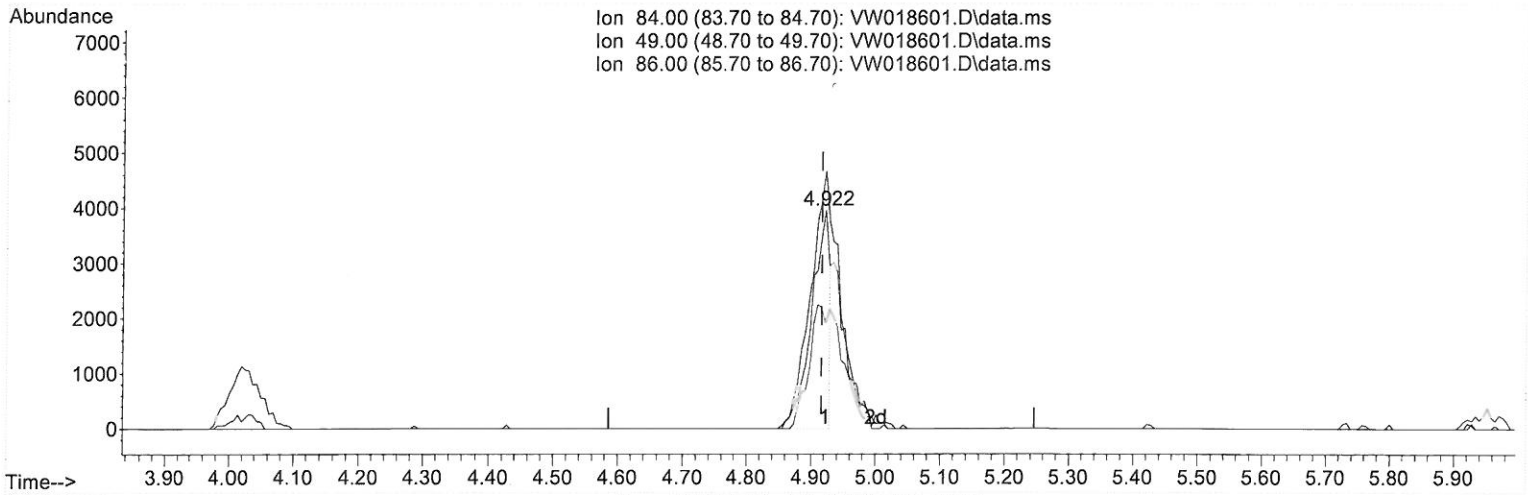
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
Data File : VW018601.D
Acq On : 08 Apr 2021 14:19
Operator : SY/VA
Sample : M1968-05
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

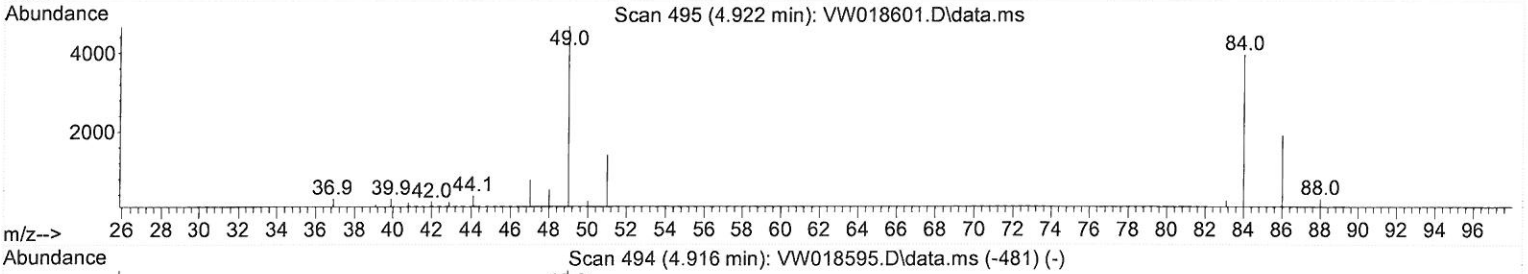
Quant Time: Apr 09 03:13:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 09 03:11:49 2021
Response via : Initial Calibration

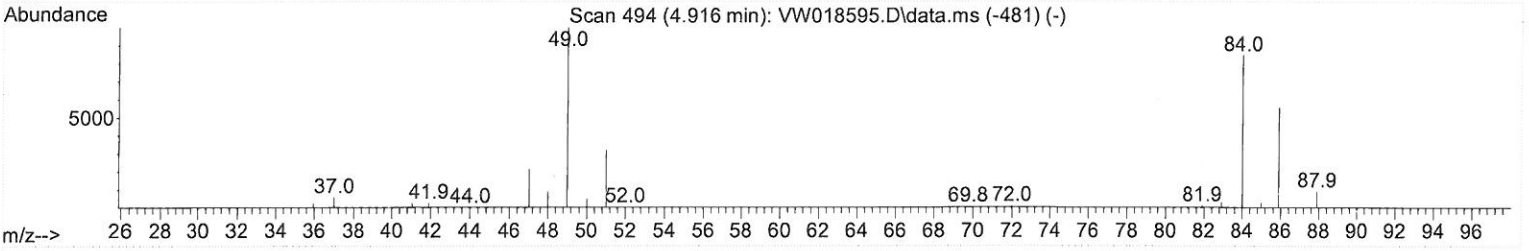
Instrument :
MSVOA_W
ClientSampleId :
BG5A9

Manual Integrations APPROVED
MMDadoda
4/9/2021 7:55:37 PM

4/9/2021 7:55:37 PM







TIC: VW018601.D\data.ms

(16) Methylene chloride (T)

4.922min (+ 0.006) 1.24 ug/L

response 7694

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	117.86
86.00	65.90	48.26
0.00	0.00	0.00

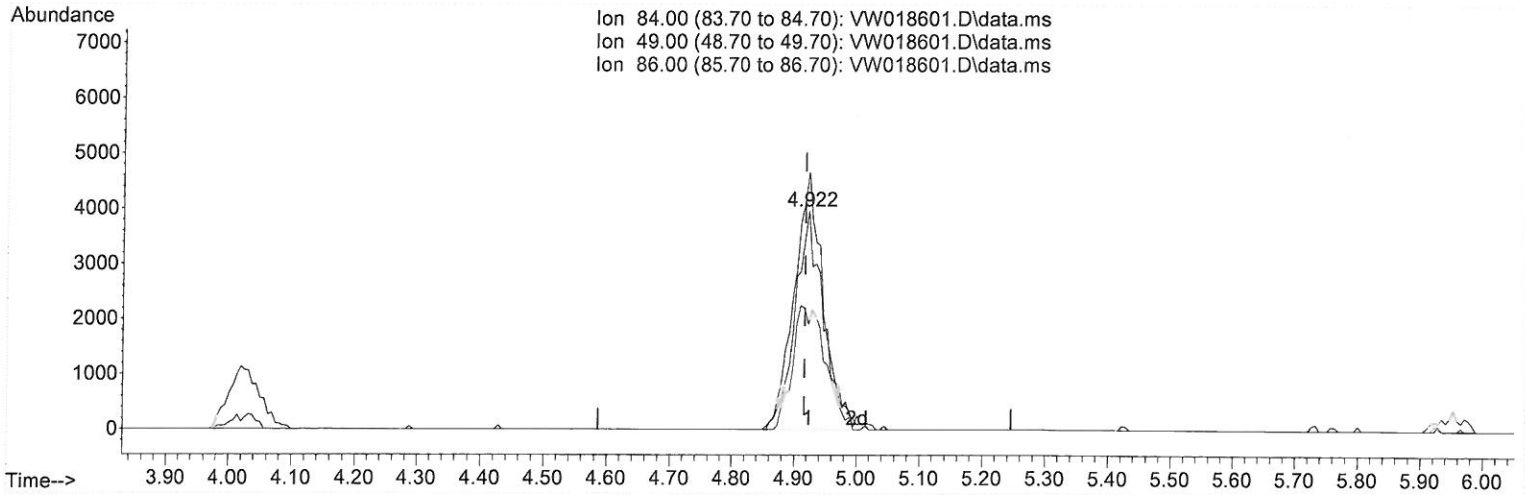
Quantitation Report (Qedit)

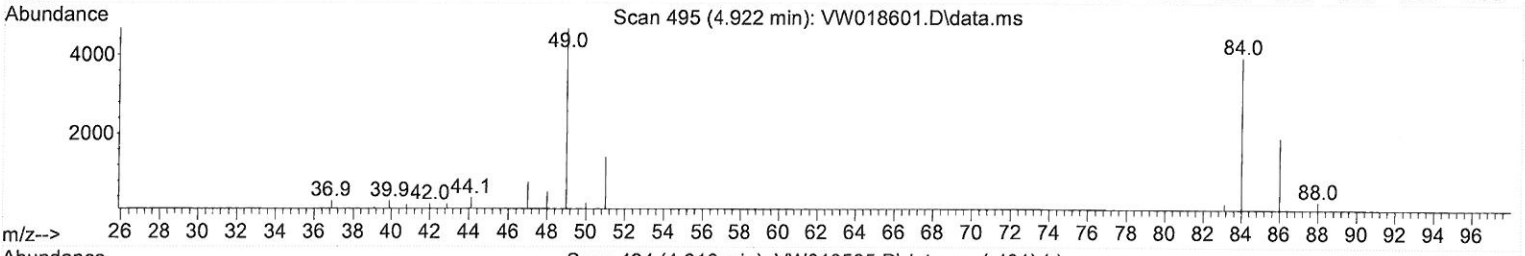
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
Data File : VW018601.D
Acq On : 08 Apr 2021 14:19
Operator : SY/VA
Sample : M1968-05
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

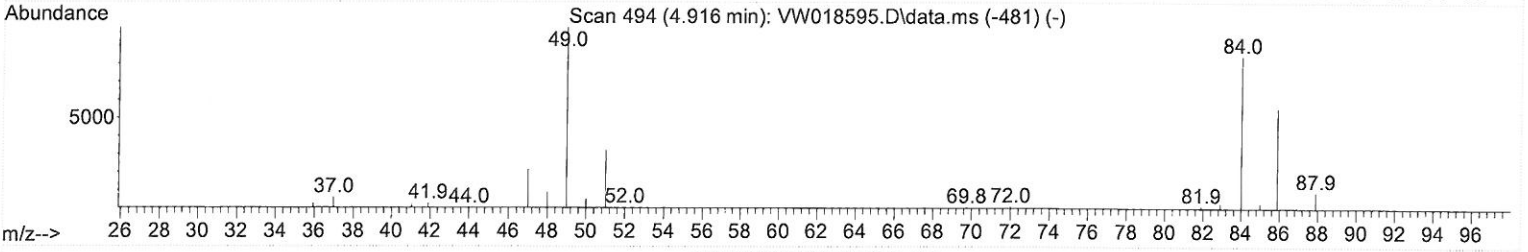
Quant Time: Apr 09 03:13:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 09 03:11:49 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
BG5A9

Manual Integrations APPROVED
MMDadoda
4/9/2021 7:55:37 PM
4/9/2021 7:55:37 PM







TIC: VW018601.D\data.ms

(16) Methylene chloride (T)

4.922min (+ 0.006) 2.05 ug/L m

response 12716

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	117.86
86.00	65.90	48.26
0.00	0.00	0.00

→ MD 4/12/21

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
Data File : VW018601.D
Acq On : 08 Apr 2021 14:19
Operator : SY/VA
Sample : M1968-05
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 09 03:13:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 09 03:11:49 2021
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : BG5A9

Manual Integrations APPROVED
MMDadoda
4/9/2021 7:55:37 PM
4/9/2021 7:55:37 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	377962	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	300702	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	100176	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	99236	18.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.48%			
7) Chloroethane-d5	2.898	69	81368	17.67	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.68%			
10) 1,1-Dichloroethene-d2	4.019	63	110953	12.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 48.88%			
20) 2-Butanone-d5	7.080	46	54756	46.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.52%			
24) Chloroform-d	7.653	84	167408	17.39	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 69.56%			
26) 1,2-Dichloroethane-d4	8.305	65	104949	18.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 74.72%			
29) Benzene-d6	8.275	84	326466	20.42	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 81.68%			
33) 1,2-Dichloropropane-d6	9.275	67	95894	20.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 83.20%			
37) Toluene-d8	10.323	98	289318	18.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 75.20%			
38) trans-1,3-Dichloroprop...	10.579	79	33120	13.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 55.72%			
39) 2-Hexanone-d5	10.927	63	39817	44.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.24%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	83613	20.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.08%			
61) 1,2-Dichlorobenzene-d4	13.853	152	58540	16.44	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 65.76%#			
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	17121	2.38	ug/L	84
13) Acetone	4.129	43	18986m	22.57	ug/L	
14) Carbon disulfide	4.385	76	28688	2.01	ug/L #	95
16) Methylene chloride	4.922	84	12716m	2.05	ug/L	
21) 2-Butanone	7.183	43	4629	3.46	ug/L	71
44) Toluene	10.390	91	6399	0.32	ug/L	95

MD 4/12/21

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