Quantitation Report (Qedit)

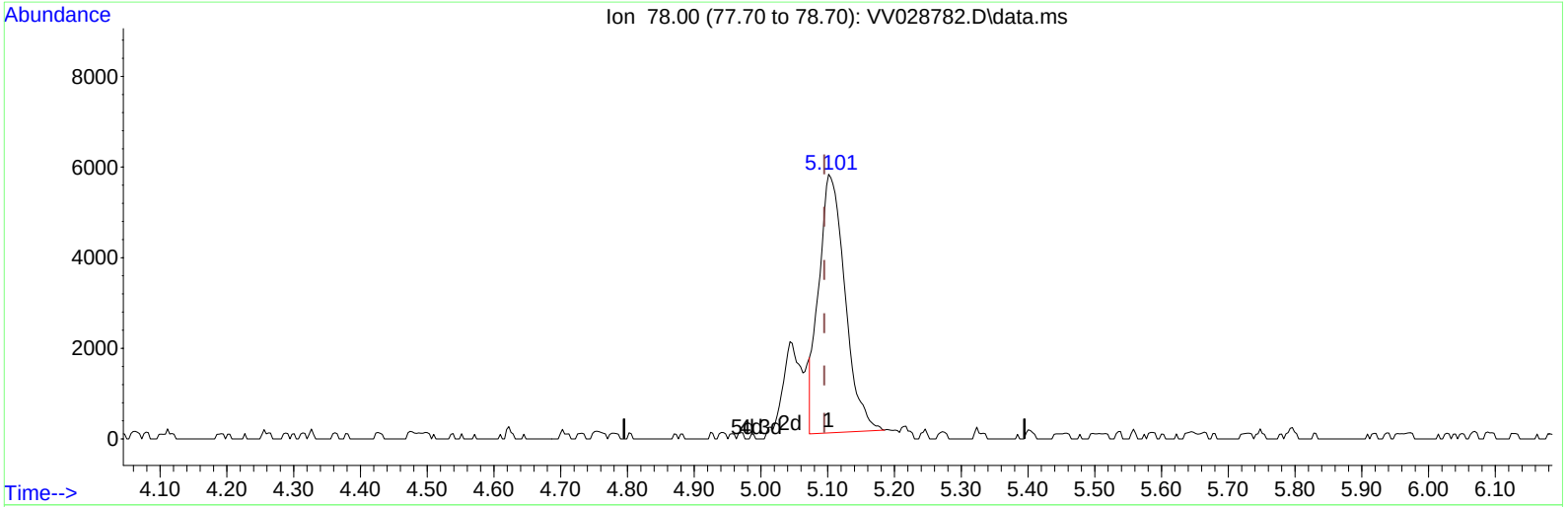
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
Data File : VV028782.D
Acq On : 31 Oct 2022 15:55
Operator : SY/MD
Sample : N5301-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

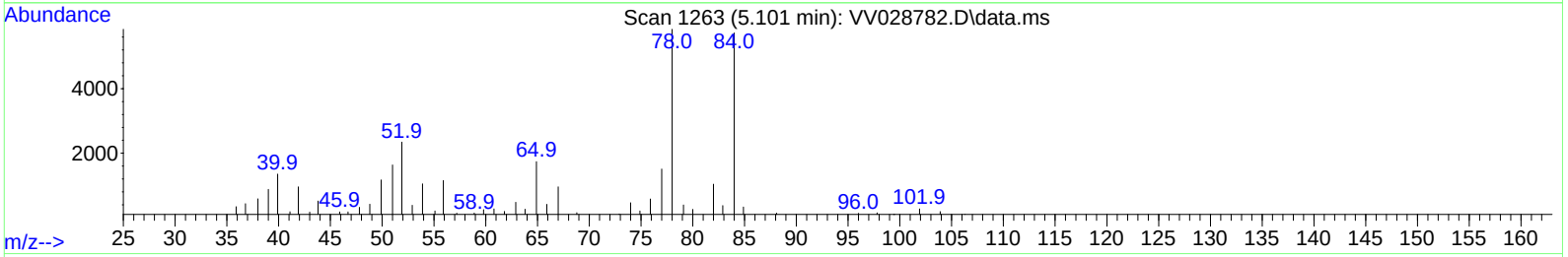
Quant Time: Nov 01 04:56:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 01 04:42:28 2022
Response via : Initial Calibration

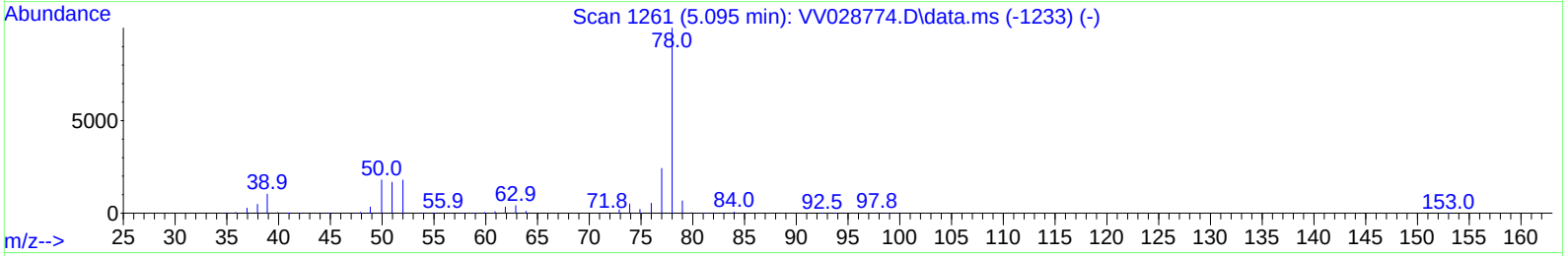
Instrument :
MSVOA_V
ClientSampleId :
DBWQ4

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022







TIC: VV028782.D\data.ms

(33) Benzene (T)

5.101min (+ 0.007) 1.42 ug/L

response 15547

Ion	Exp%	Act%
78.00	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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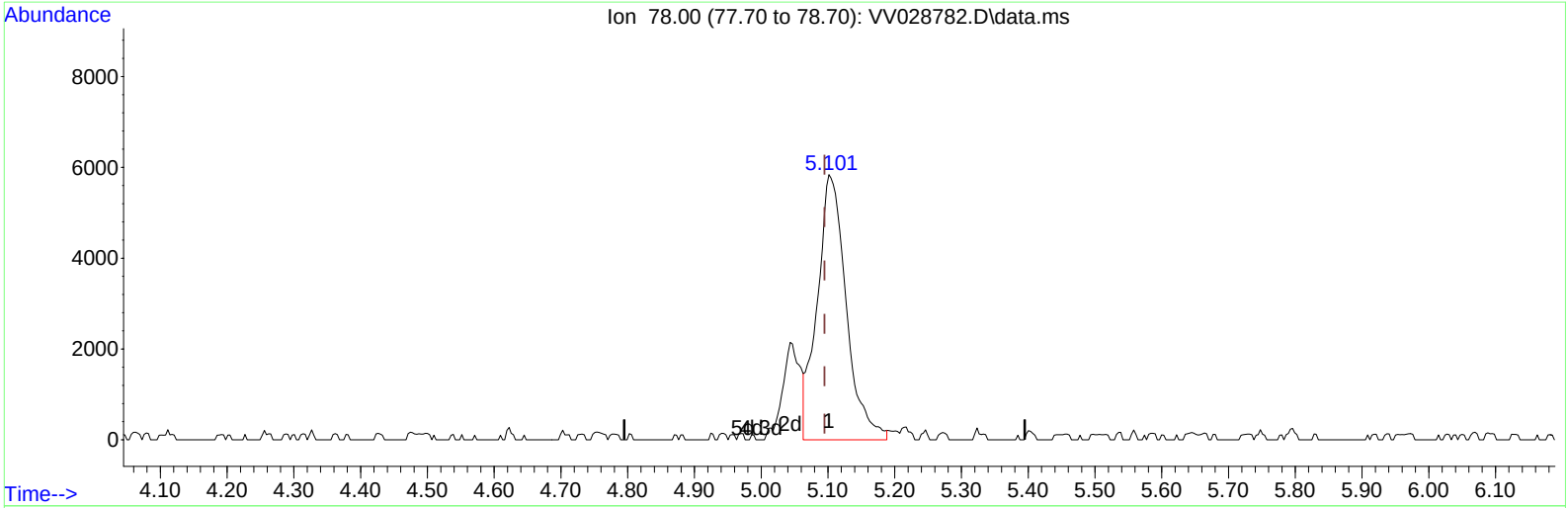

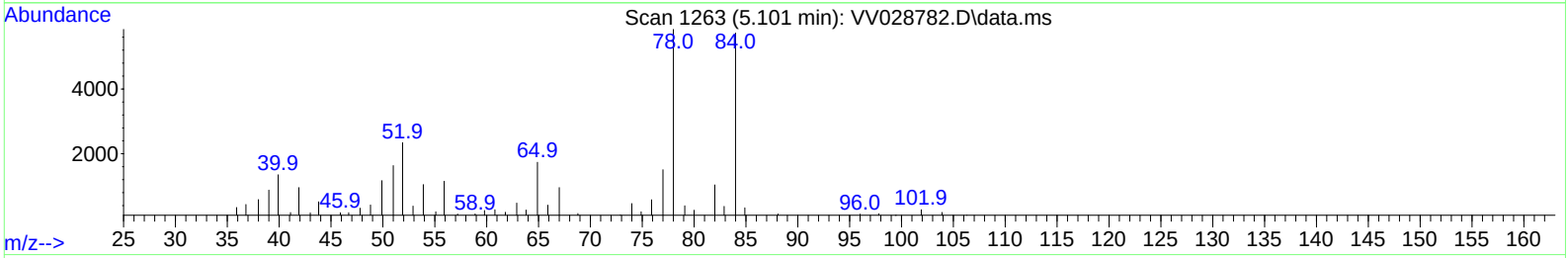

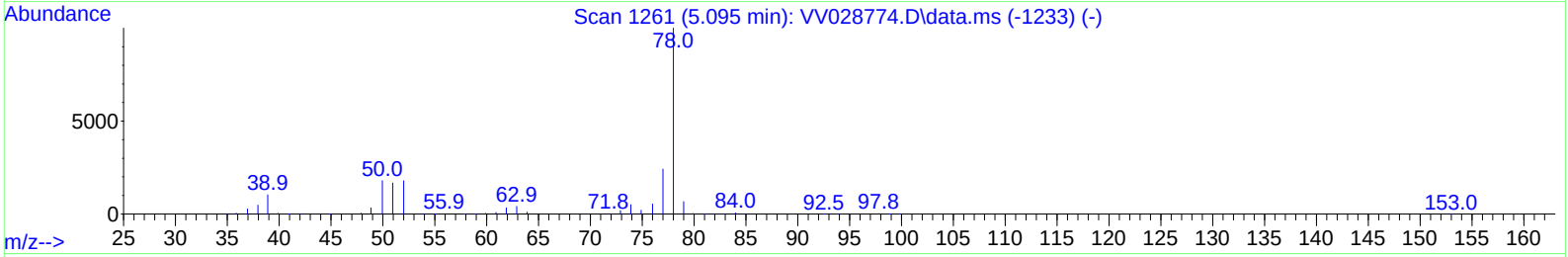

TIC: VV028782.D\data.ms

(33) Benzene (T)

5.101min (+ 0.007) 1.61 ug/L m

response 17588

Ion	Exp%	Act%
78.00	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 01 04:42:28 2022
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	345742	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	310751	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	132016	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	151158	46.119	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.240%			
7) Chloroethane-d5	1.565	69	146336	52.229	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.460%			
11) 1,1-Dichloroethene-d2	2.108	63	244436	39.206	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.420%			
21) 2-Butanone-d5	3.876	46	303851	127.355	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 127.360%			
24) Chloroform-d	4.346	84	270009	54.621	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.240%			
26) 1,2-Dichloroethane-d4	5.027	65	194125	59.379	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.760%			
32) Benzene-d6	5.047	84	573477	59.116	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.240%			
36) 1,2-Dichloropropane-d6	6.066	67	202952	60.938	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 121.880%#			
41) Toluene-d8	7.314	98	486699	57.069	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.140%			
43) trans-1,3-Dichloroprop...	7.619	79	69621	54.428	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 108.860%			
47) 2-Hexanone-d5	8.085	63	179421	119.211	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 119.210%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	257962	58.738	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 117.480%			
66) 1,2-Dichlorobenzene-d4	11.616	152	160785	61.701	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 123.400%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	60870	15.659	ug/L	98
12) 1,1-Dichloroethene	2.118	96	18327	7.107	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	765258	306.799	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	3724034	1353.140	ug/L #	99
33) Benzene	5.101	78	17588m	1.608	ug/L	
34) Trichloroethene	5.912	95	370283	144.733	ug/L	99
46) Tetrachloroethene	7.976	164	5469	3.084	ug/L	91

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

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