Quantitation Report (Qedit)

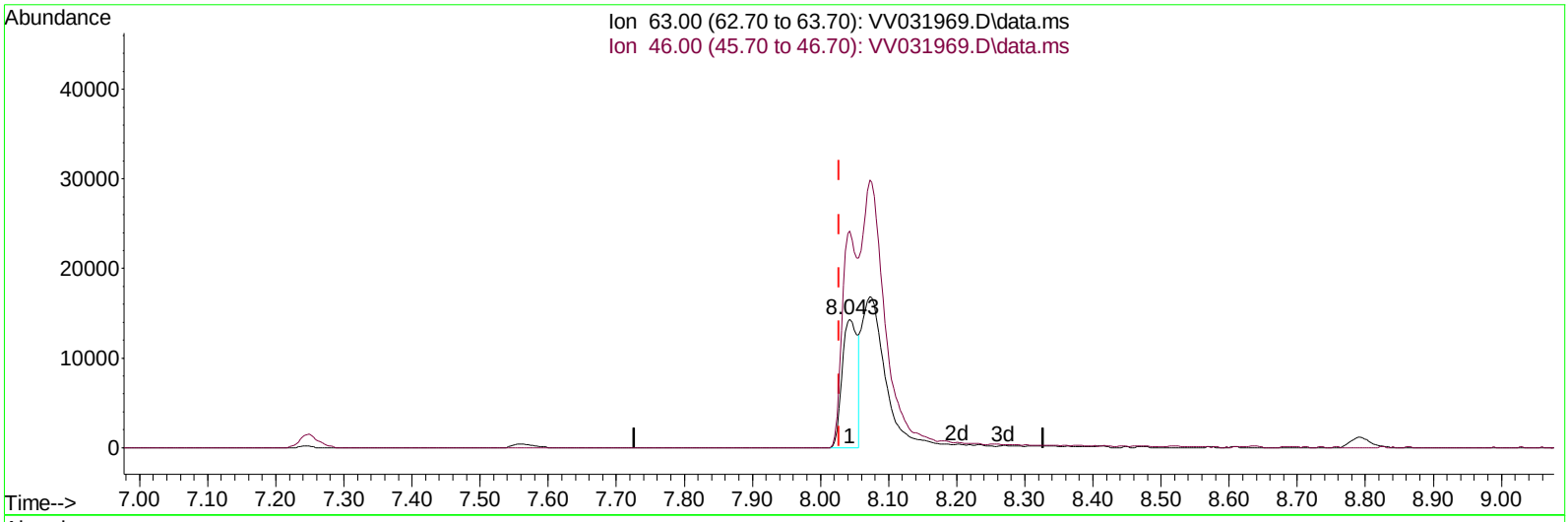
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083123\
Data File : VV031969.D
Acq On : 31 Aug 2023 18:14
Operator : SY/MD
Sample : 04235-11ME
Misc : 5.15g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

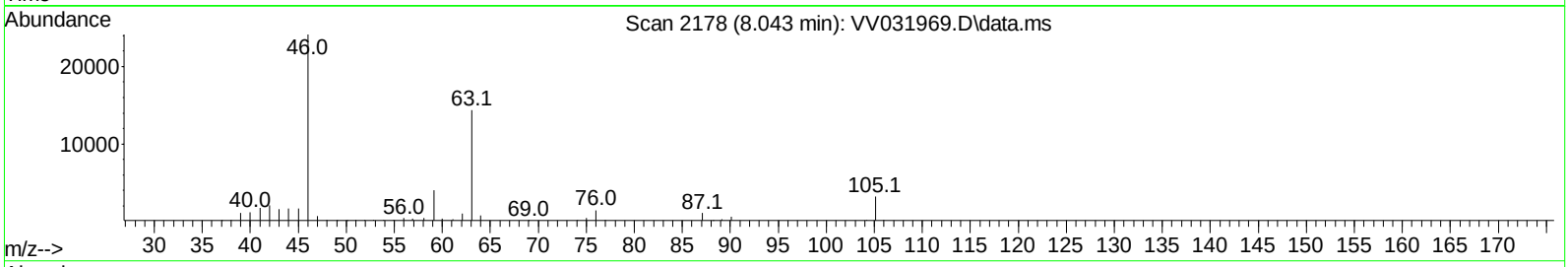
Quant Time: Sep 01 02:12:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 01 00:57:38 2023
Response via : Initial Calibration

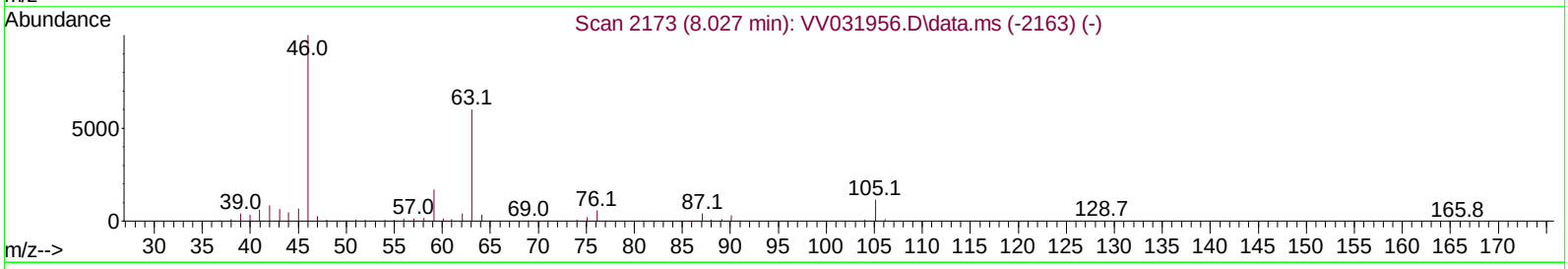
Instrument :
MSVOA_V
ClientSampleId :
EZYW8ME

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023







TIC: VV031969.D\data.ms

(47) 2-Hexanone-d5 (S)

8.043min (+ 0.016) 28.12 ug/L

response 22970

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	170.00	168.99
0.00	0.00	0.00
0.00	0.00	0.00

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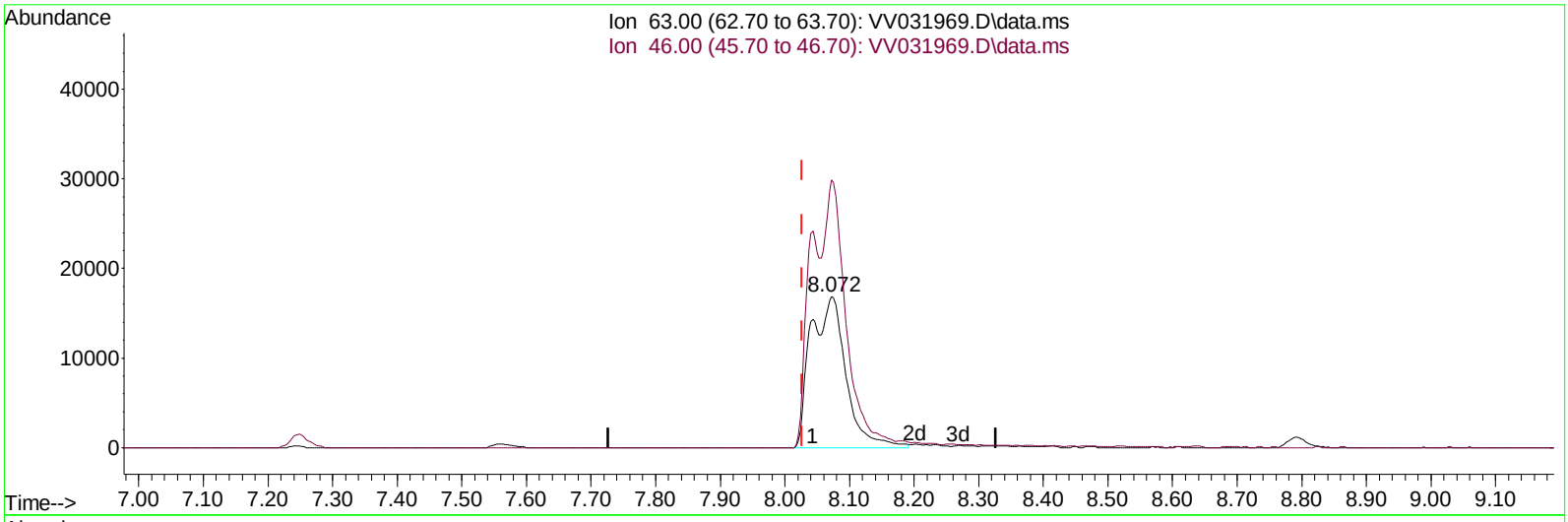

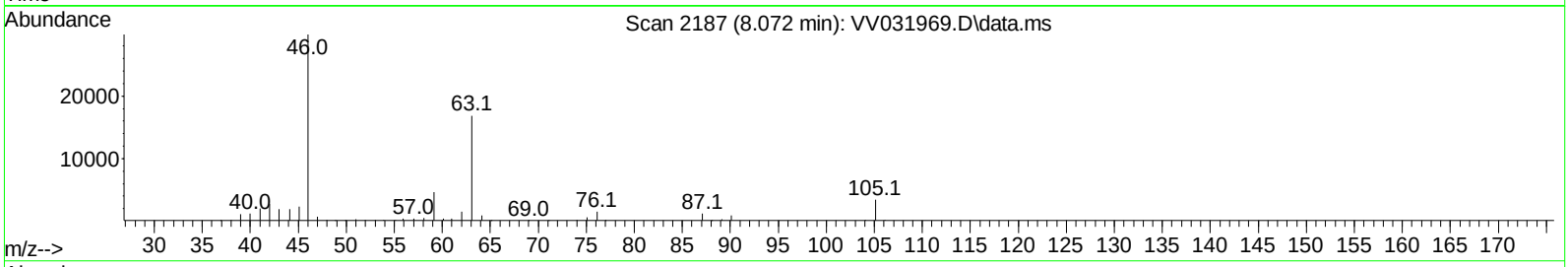

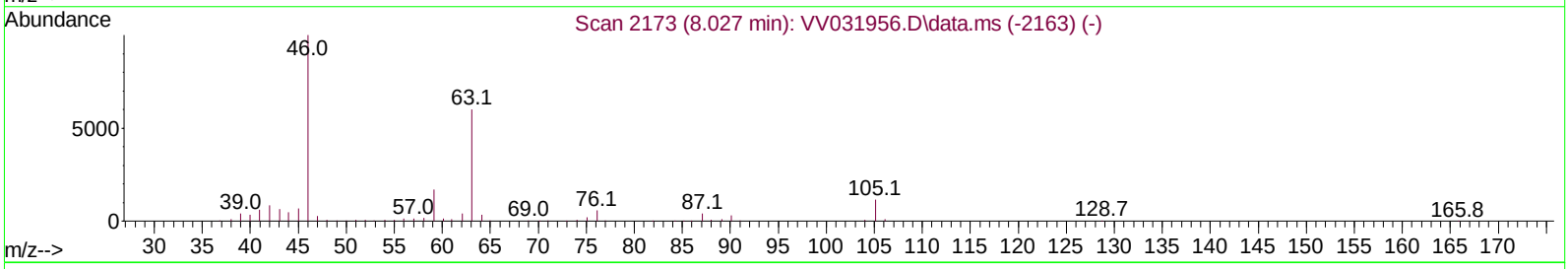

TIC: VV031969.D\data.ms

(47) 2-Hexanone-d5 (S)

8.072min (+ 0.045) 77.84 ug/L m

response 63587

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	170.00	61.05#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis
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Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	311008	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	303483	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	158120	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	48502	24.919	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	49.840%#		
7) Chloroethane-d5	1.526	69	29890	17.518	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	35.040%#		
11) 1,1-Dichloroethene-d2	2.040	65	23971	26.301	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	52.600%#		
21) 2-Butanone-d5	3.815	46	113526	74.159	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	74.160%		
24) Chloroform-d	4.256	84	138062	32.452	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	64.900%#		
26) 1,2-Dichloroethane-d4	4.947	65	94289	33.397	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	66.800%#		
32) Benzene-d6	4.960	84	267714	32.328	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	64.660%#		
36) 1,2-Dichloropropane-d6	5.992	67	97827	36.702	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	73.400%		
41) Toluene-d8	7.246	98	236968	31.056	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	62.120%#		
43) trans-1,3-Dichloroprop...	7.561	79	44898	32.499	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.000%		
47) 2-Hexanone-d5	8.072	63	63587m	77.835	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.840%		
56) 1,1,2,2-Tetrachloroeth...	10.165	84	139602	40.531	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.060%		
66) 1,2-Dichlorobenzene-d4	11.570	152	100134	34.739	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	69.480%#		
Target Compounds						Qvalue
46) Tetrachloroethene	7.911	164	6308	4.028	ug/L	97

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

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