Quantitation Report (Qedit)

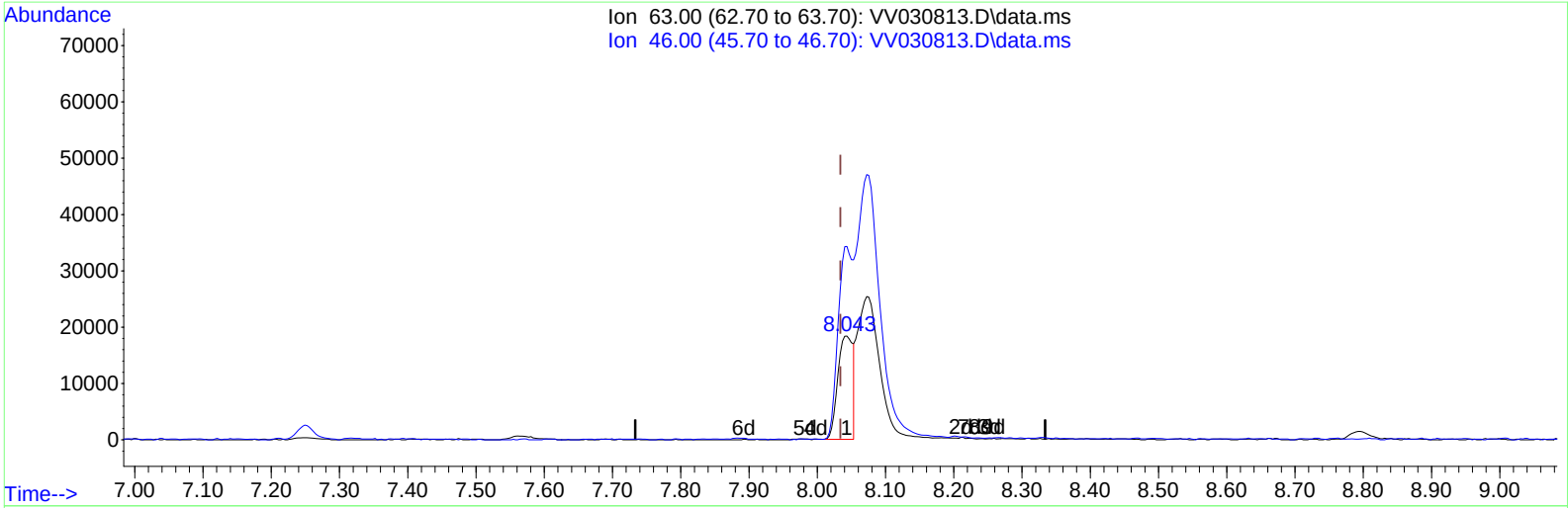
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042423\
Data File : VV030813.D
Acq On : 24 Apr 2023 23:56
Operator : SY/MD
Sample : 02418-14ME
Misc : 5.36g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 35 Sample Multiplier: 1

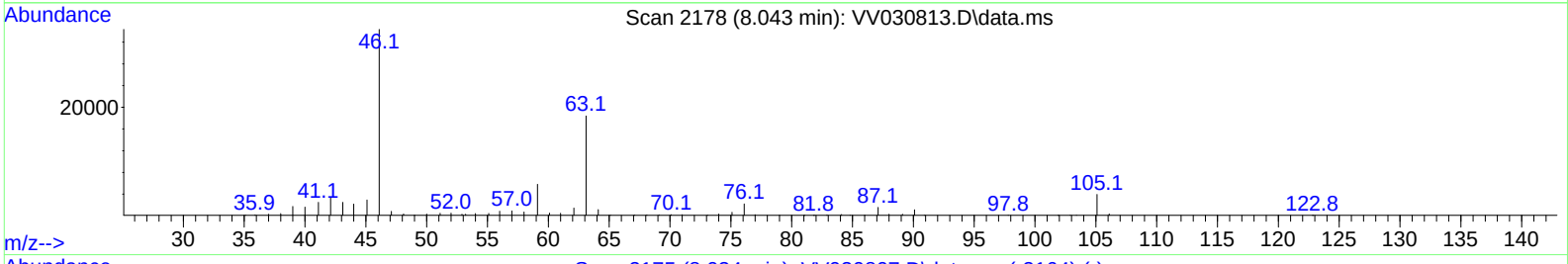
Quant Time: Apr 25 05:31:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 22 00:43:23 2023
Response via : Initial Calibration

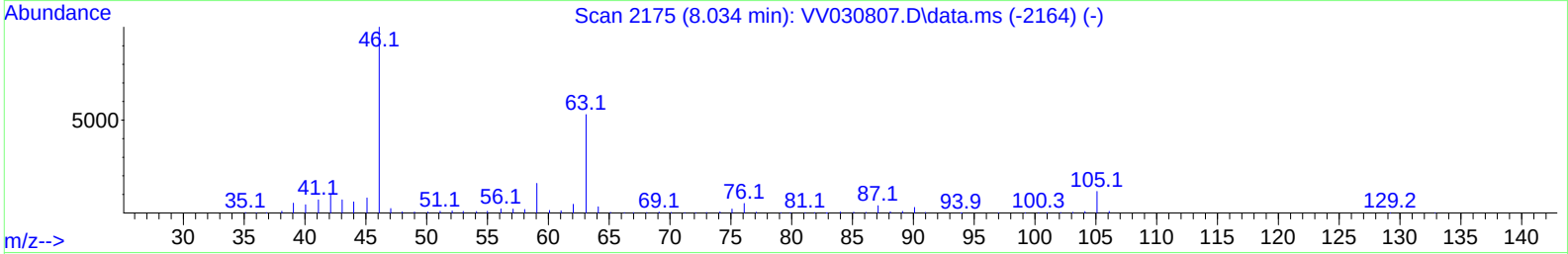
Instrument :
MSVOA_V
ClientSampleId :
EW8Z8ME

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023







TIC: VV030813.D\data.ms

(47) 2-Hexanone-d5 (S)

8.043min (+ 0.010) 28.08 ug/L

response 28492

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	190.80	183.51
0.00	0.00	0.00
0.00	0.00	0.00

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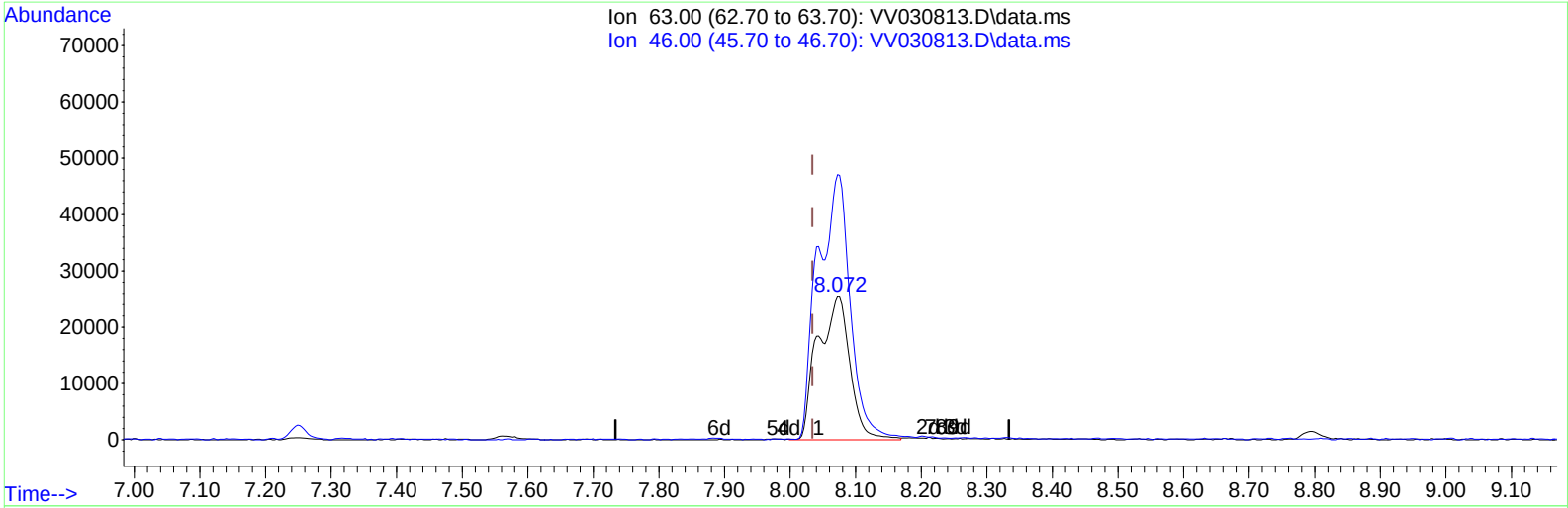

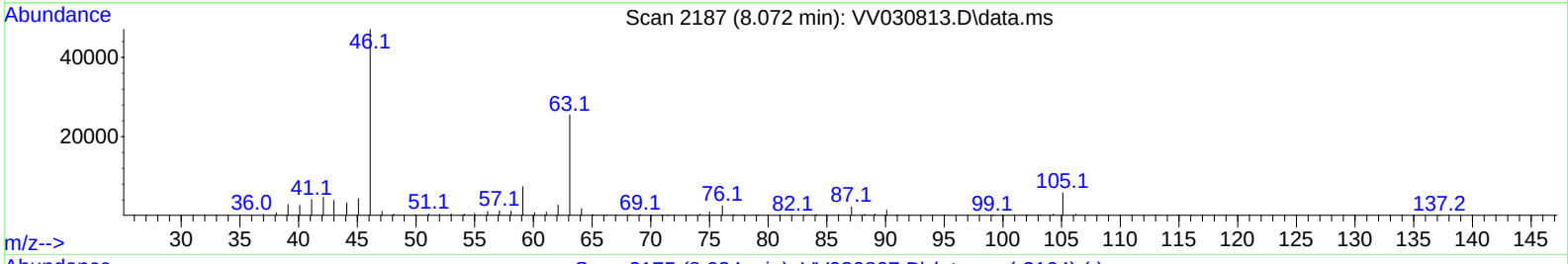

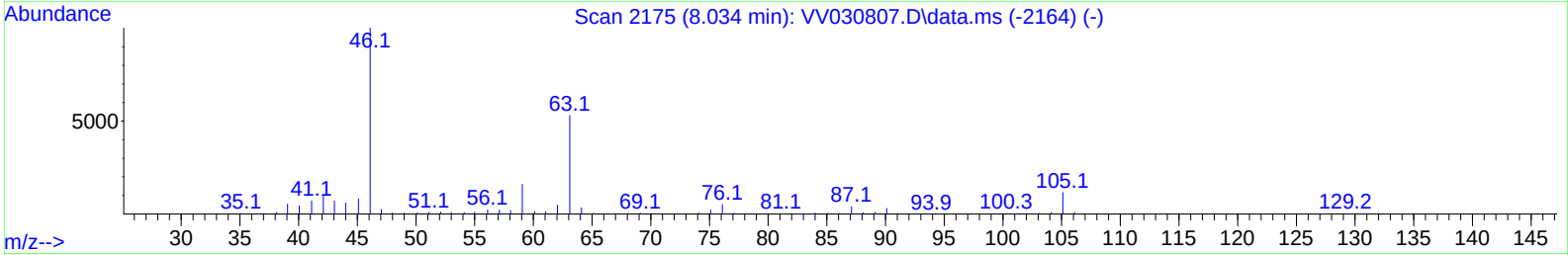

TIC: VV030813.D\data.ms

(47) 2-Hexanone-d5 (S)

8.072min (+ 0.039) 85.38 ug/L m

response 86623

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	190.80	60.36#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	362377	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	350665	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.198	152	177082	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.285	65	107916	40.623	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.240%			
7) Chloroethane-d5	1.539	69	105874	47.559	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.120%			
11) 1,1-Dichloroethene-d2	2.053	65	54914	43.589	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.180%			
21) 2-Butanone-d5	3.822	46	118277	81.061	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 81.060%			
24) Chloroform-d	4.259	84	222563	46.230	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.460%			
26) 1,2-Dichloroethane-d4	4.950	65	161185	52.077	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.160%			
32) Benzene-d6	4.966	84	427048	51.509	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.020%			
36) 1,2-Dichloropropane-d6	5.995	67	126797	49.236	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.480%			
41) Toluene-d8	7.249	98	386068	49.597	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.200%			
43) trans-1,3-Dichloroprop...	7.561	79	65690	50.608	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.220%			
47) 2-Hexanone-d5	8.072	63	86623m	85.384	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.380%			
56) 1,1,2,2-Tetrachloroeth...	10.169	84	165833	44.377	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.760%			
66) 1,2-Dichlorobenzene-d4	11.574	152	160409	56.991	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.980%			
Target Compounds						Qvalue
3) Chloromethane	1.221	50	28375	6.943	ug/L	100
6) Bromomethane	1.497	94	7592	5.811	ug/L	98

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

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