Quantitation Report (Qedit)

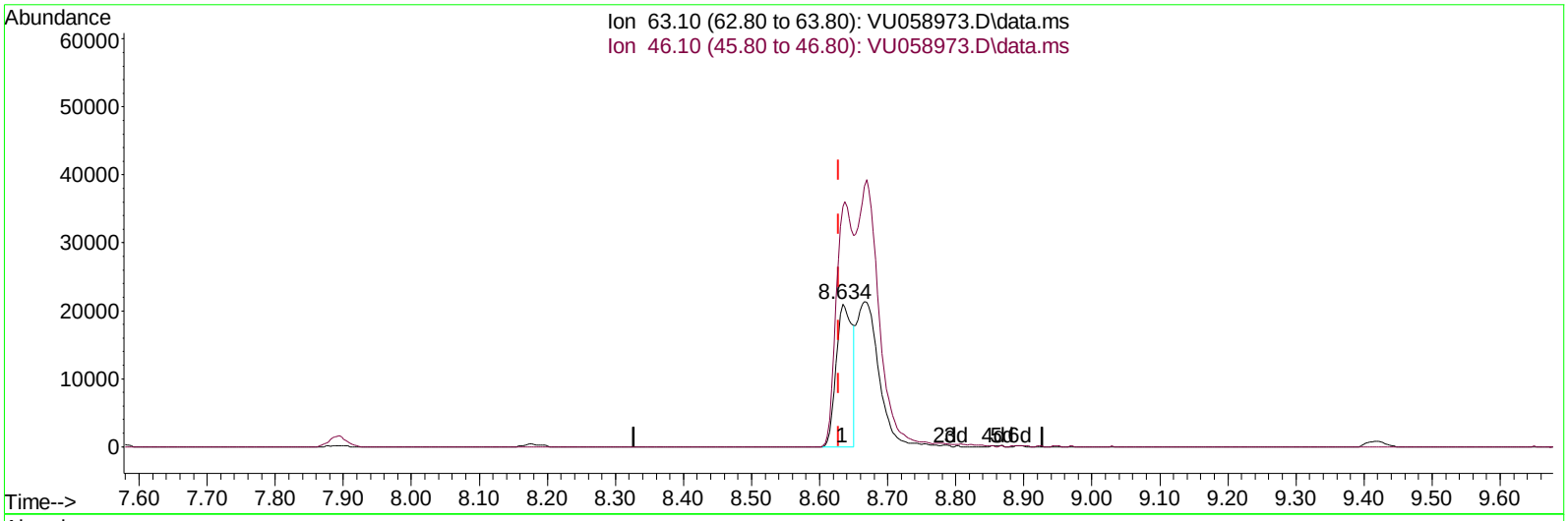
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
Data File : VU058973.D
Acq On : 24 May 2024 16:06
Operator : MD/SY
Sample : P2547-12ME
Misc : 6.20g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

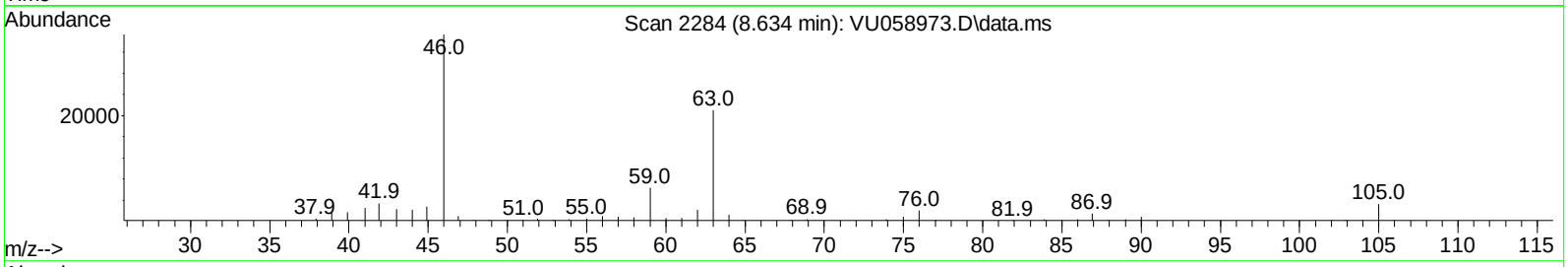
Quant Time: May 24 22:29:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 22:25:41 2024
Response via : Initial Calibration

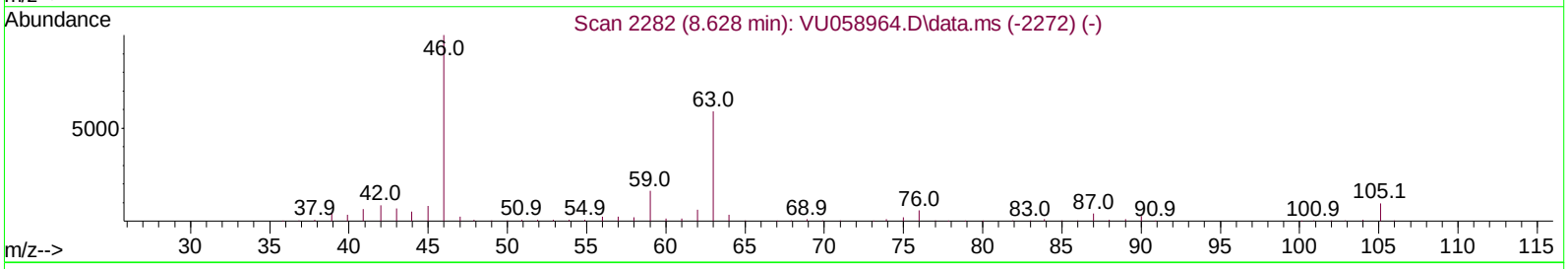
Instrument :
MSVOA_U
ClientSampleId :
BH5W9ME

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/27/2024
Supervised By :Mahesh Dadoda 05/27/2024







TIC: VU058973.D\data.ms

(47) 2-Hexanone-d5 (S)

8.634min (+ 0.006) 37.22 ug/L

response 34585

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	172.40	175.50
0.00	0.00	0.00
0.00	0.00	0.00

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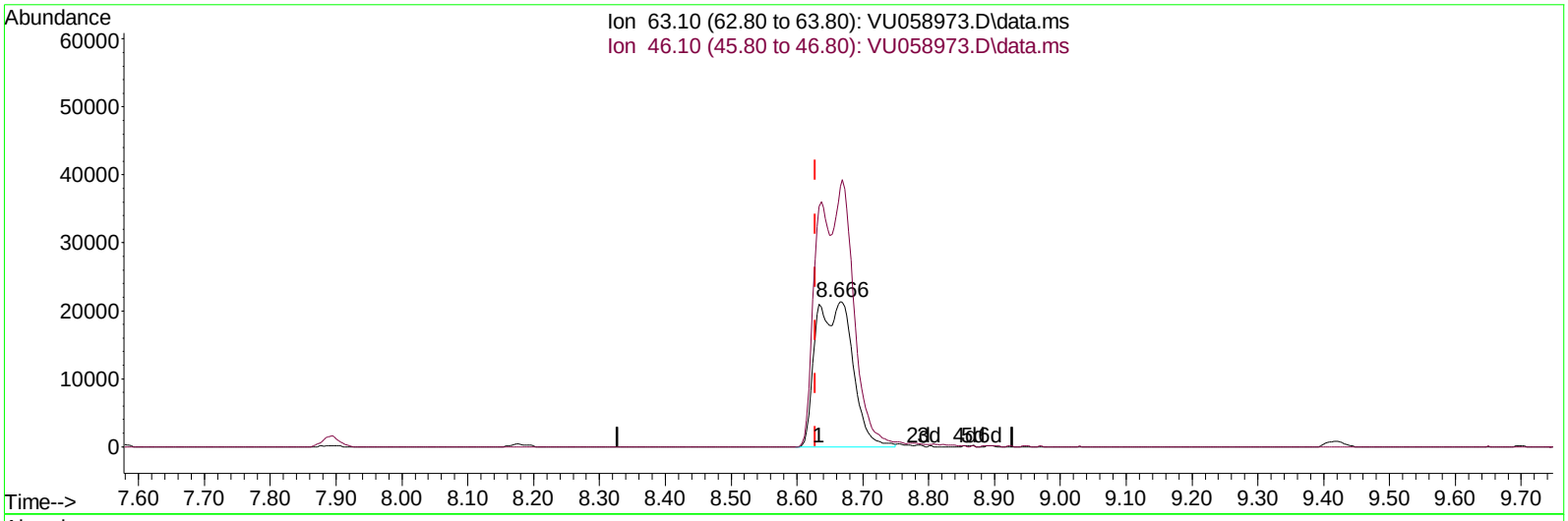

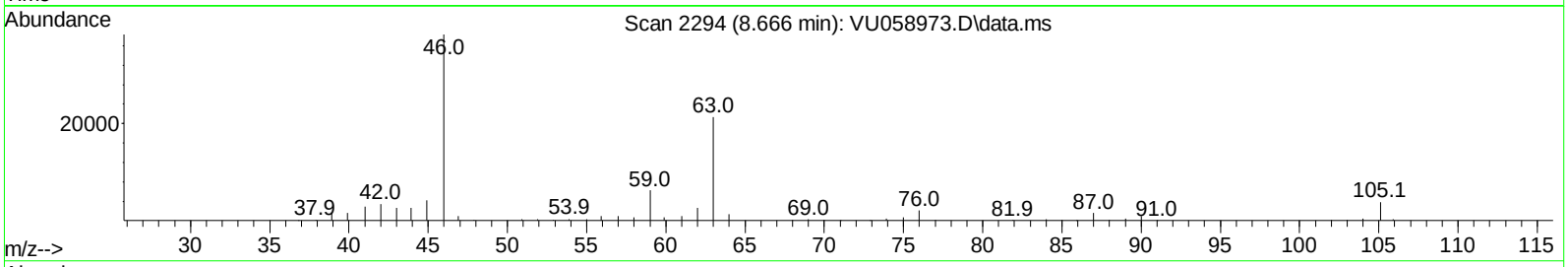

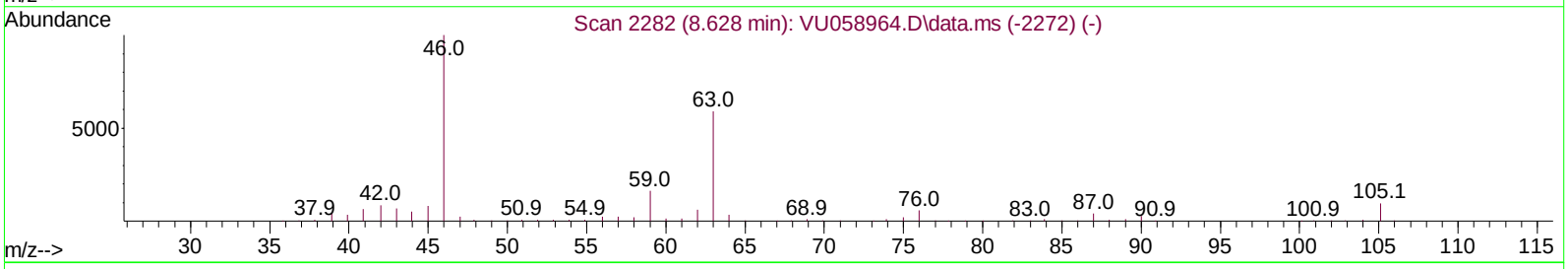

TIC: VU058973.D\data.ms

(47) 2-Hexanone-d5 (S)

8.666min (+ 0.038) 89.37 ug/L m

response 83054

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	172.40	73.08#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	202164	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	199545	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	78035	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	84990	39.749	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.500%			
7) Chloroethane-d5	1.904	69	93149	52.420	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.840%			
11) 1,1-Dichloroethene-d2	2.534	63	108177	33.115	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.220%			
21) 2-Butanone-d5	4.640	46	138553	94.336	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.340%			
24) Chloroform-d	5.052	84	156629	42.707	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.420%			
26) 1,2-Dichloroethane-d4	5.692	65	103261	46.038	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.080%			
32) Benzene-d6	5.714	84	322393	47.390	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.780%			
36) 1,2-Dichloropropane-d6	6.682	67	109107	48.557	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.120%			
41) Toluene-d8	7.891	98	267693	43.900	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.800%			
43) trans-1,3-Dichloroprop...	8.177	79	42784	42.404	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.800%			
47) 2-Hexanone-d5	8.666	63	83054m	89.371	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.370%			
56) 1,1,2,2-Tetrachloroeth...	10.759	84	147513	43.638	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.280%			
66) 1,2-Dichlorobenzene-d4	12.193	152	80498	49.994	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.980%			

Target Compounds Qvalue

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

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