Quantitation Report (Qedit)

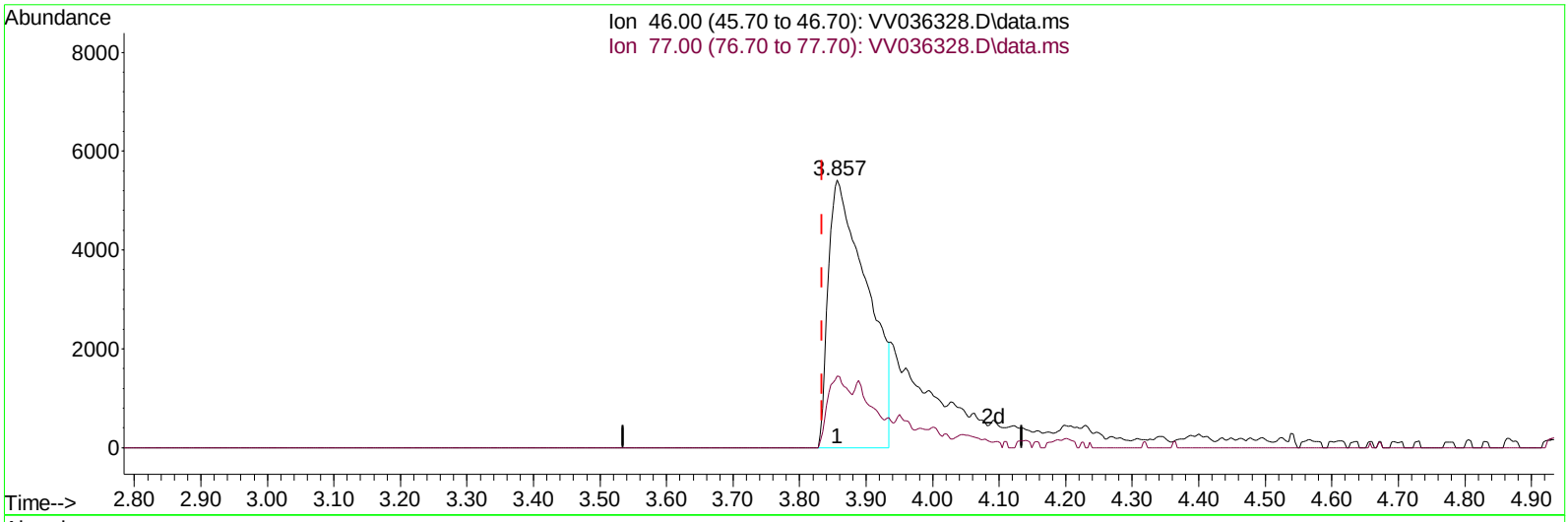
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
Data File : VV036328.D
Acq On : 28 Jun 2024 00:15
Operator : SY/MD
Sample : P3010-22
Misc : 5.91g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 39 Sample Multiplier: 1

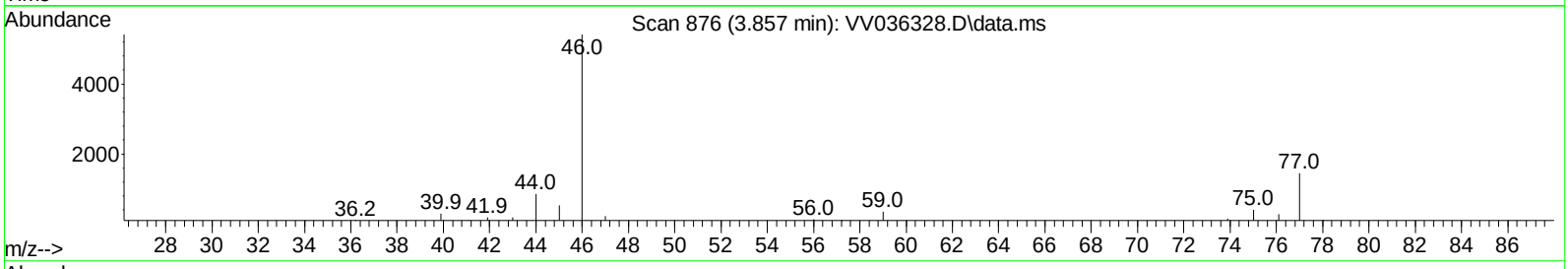
Quant Time: Jun 28 05:08:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 28 04:20:38 2024
Response via : Initial Calibration

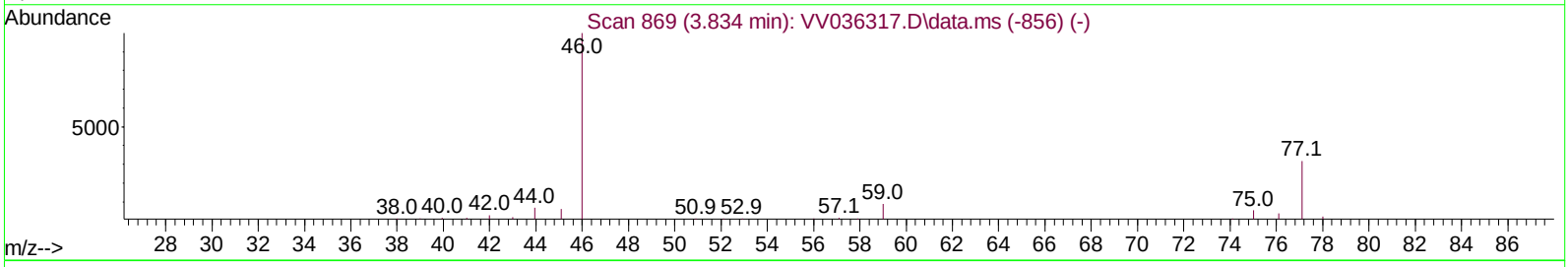
Instrument :
MSVOA_V
ClientSampleId :
A4CG4

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024







TIC: VV036328.D\data.ms

(21) 2-Butanone-d5 (S)

3.857min (+ 0.022) 12.04 ug/L

response 21918

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	34.00	14.91#
0.00	0.00	0.00
0.00	0.00	0.00

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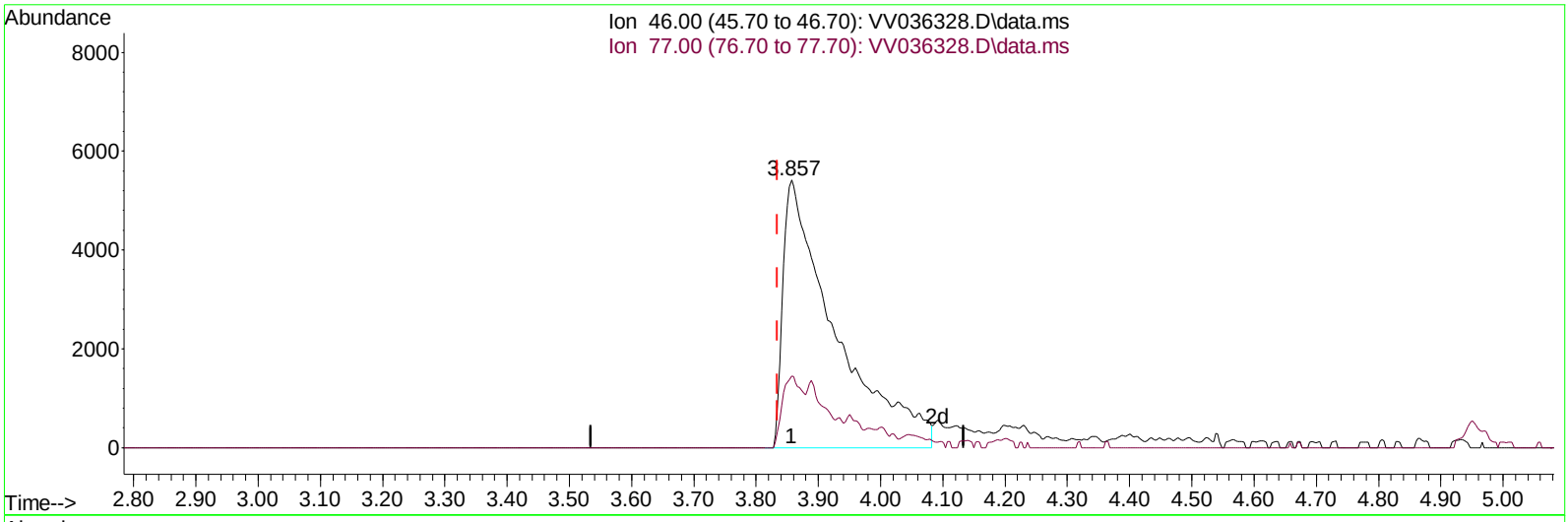

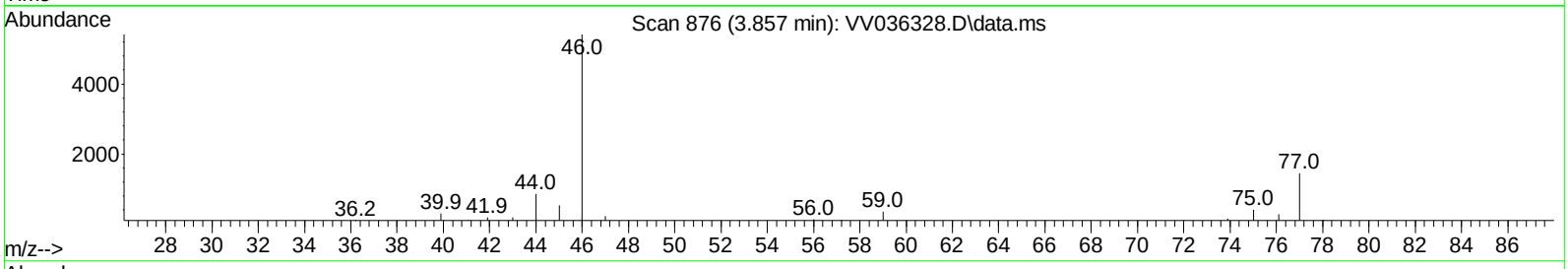

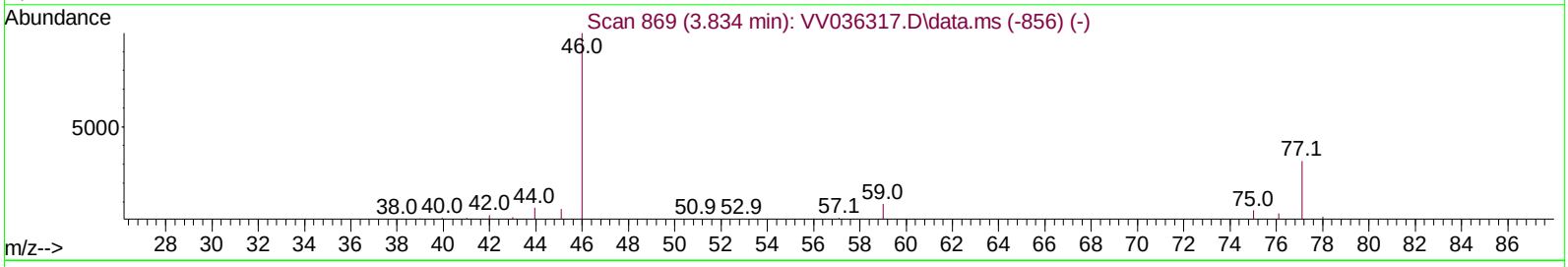

TIC: VV036328.D\data.ms

(21) 2-Butanone-d5 (S)

3.857min (+ 0.022) 17.22 ug/L m

response 31360

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	34.00	10.42#
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\SFAMVLM062724SMA.M
Quant Title : VOC Analysis
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	461911	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	433371	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	168571	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	158423	20.195	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.760%		
7) Chloroethane-d5	1.526	69	144336	23.036	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.160%		
11) 1,1-Dichloroethene-d2	2.050	65	71815	19.474	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	77.880%		
21) 2-Butanone-d5	3.857	46	31360m	17.224	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	34.440%		
24) Chloroform-d	4.243	84	314920	23.097	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.400%		
26) 1,2-Dichloroethane-d4	4.937	65	168712	23.203	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.800%		
32) Benzene-d6	4.953	84	575065	23.507	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.040%		
36) 1,2-Dichloropropane-d6	5.982	67	194178	26.388	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.560%		
41) Toluene-d8	7.239	98	465258	21.093	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.360%		
43) trans-1,3-Dichloroprop...	7.554	79	51821	15.770	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	63.080%		
47) 2-Hexanone-d5	8.037	63	16362	13.930	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	27.860%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	132528	21.971	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	87.880%		
66) 1,2-Dichlorobenzene-d4	11.557	152	146791	23.896	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.600%		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	53626	5.897	ug/L	97

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

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