Quantitation Report (Qedit)

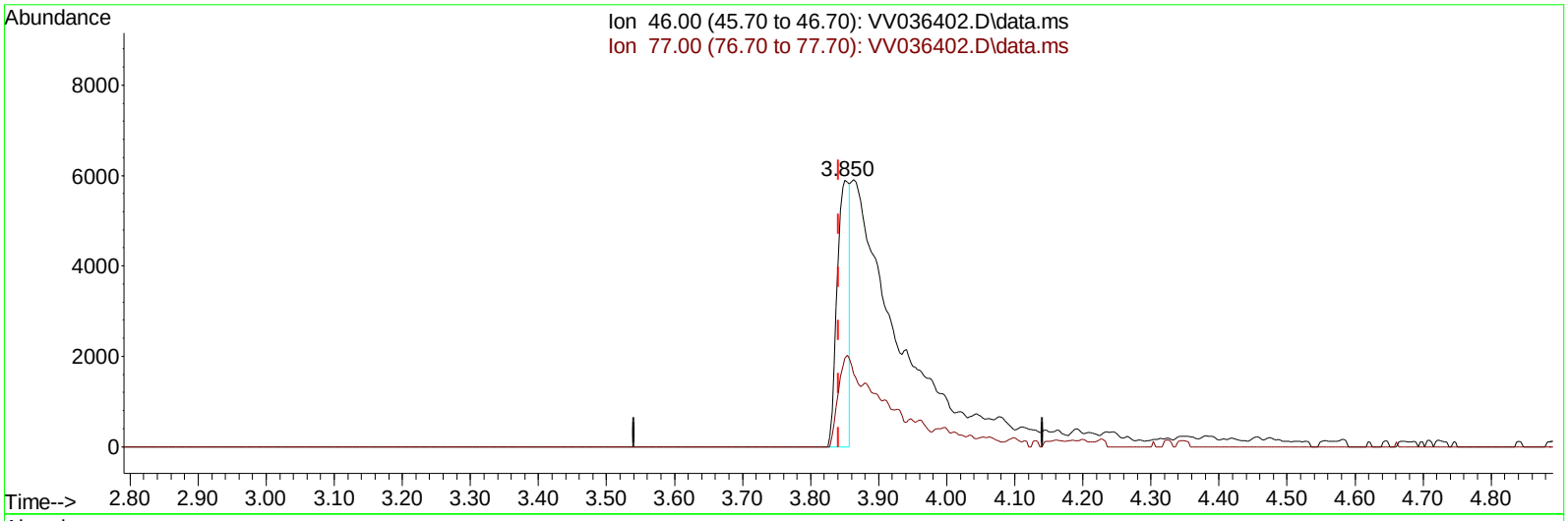
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
Data File : VV036402.D
Acq On : 02 Jul 2024 02:34
Operator : SY/MD
Sample : P3087-21
Misc : 5.68g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 46 Sample Multiplier: 1

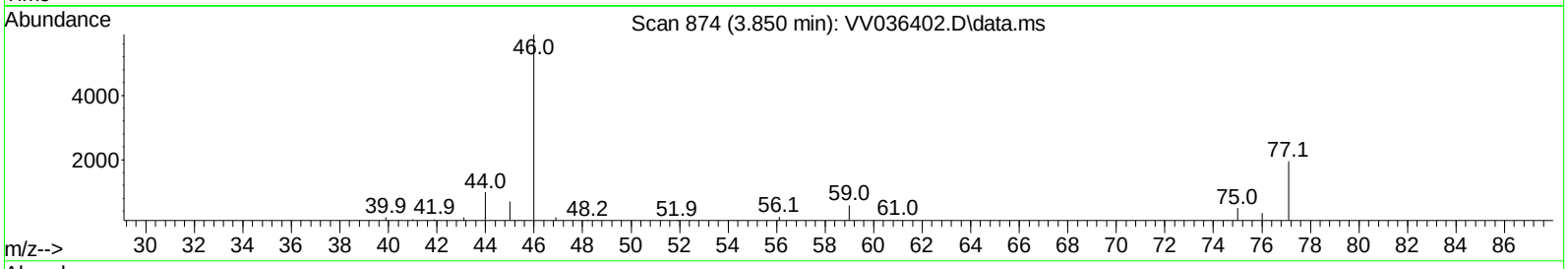
Quant Time: Jul 02 05:28:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 05:19:46 2024
Response via : Initial Calibration

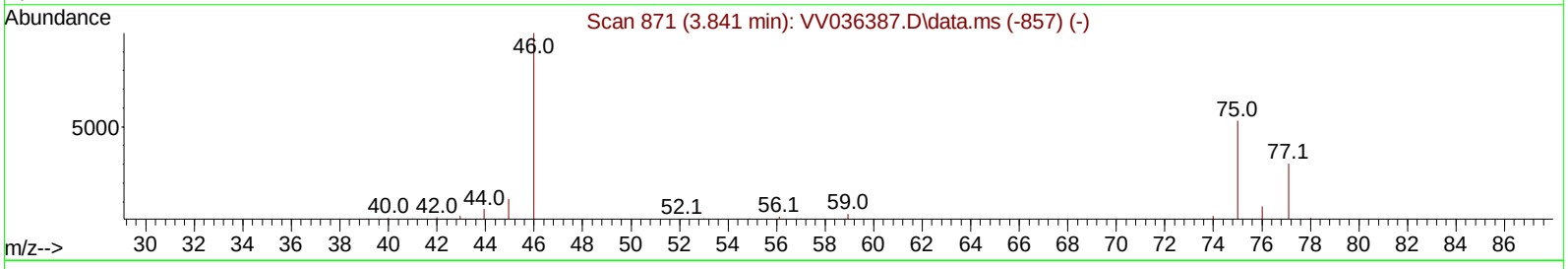
Instrument :
MSVOA_V
ClientSampleId :
A4BR6

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 07/05/2024
Supervised By :Semsettin Yesilyurt 07/05/2024







TIC: VV036402.D\data.ms

(21) 2-Butanone-d5 (S)

3.850min (+ 0.010) 4.63 ug/L

response 7467

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	34.00	51.16#
0.00	0.00	0.00
0.00	0.00	0.00

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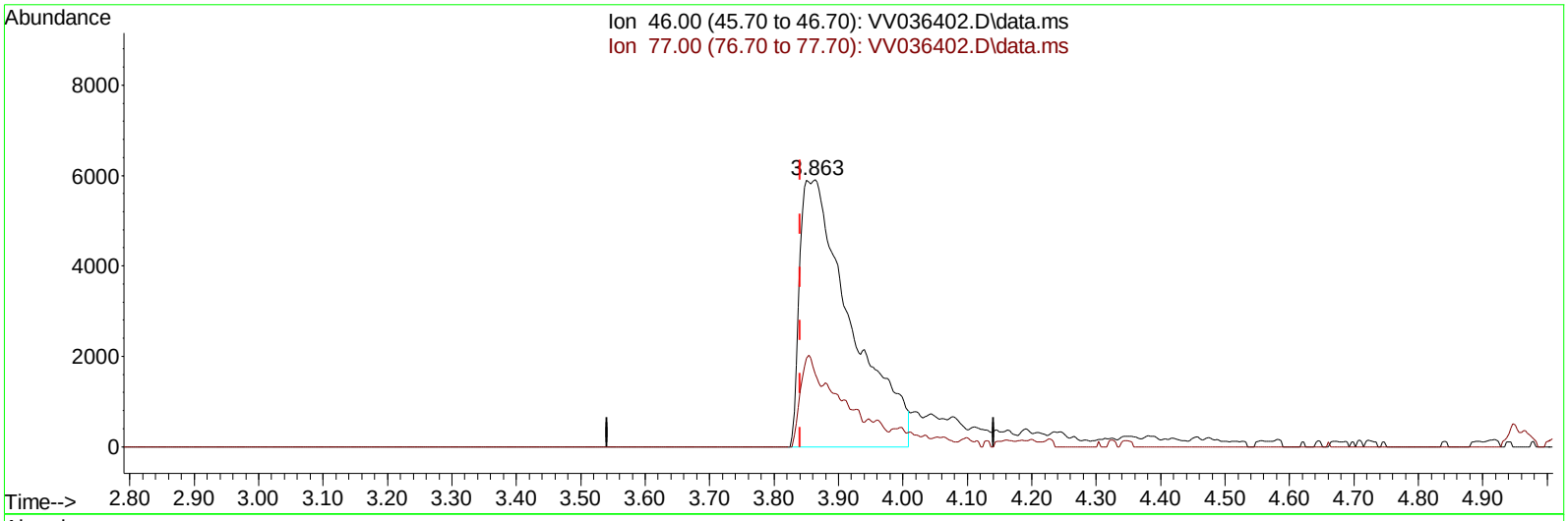

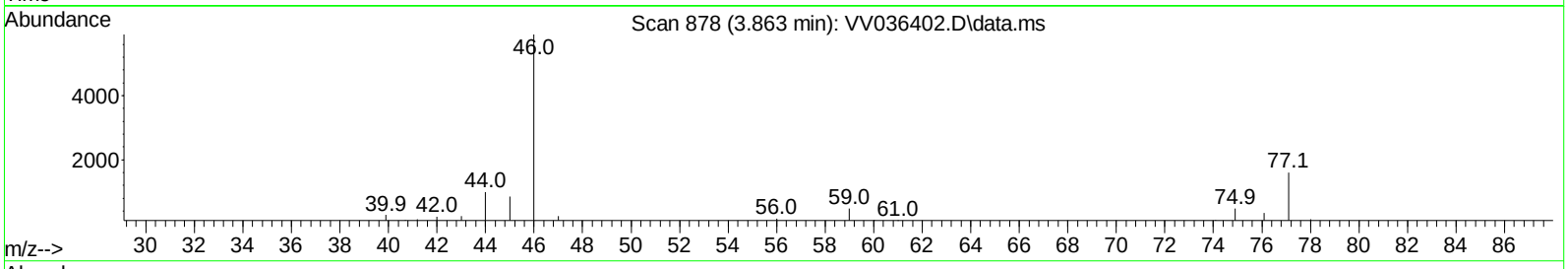

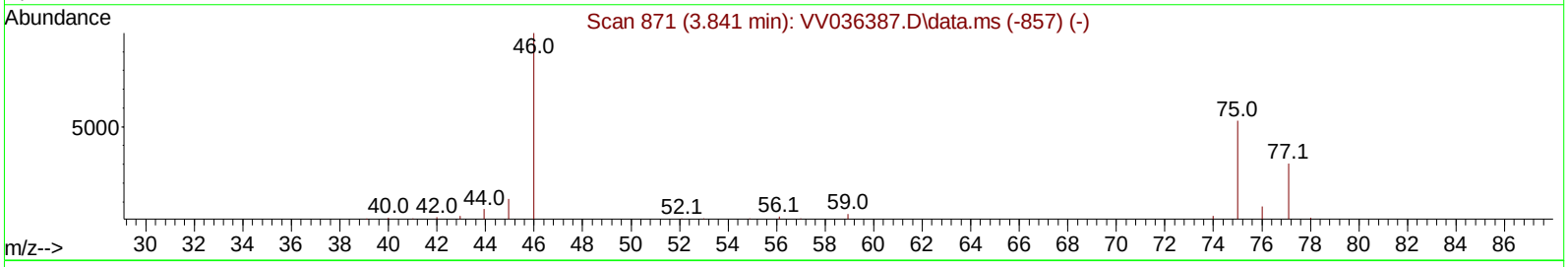

TIC: VV036402.D\data.ms

(21) 2-Butanone-d5 (S)

3.863min (+ 0.022) 20.06 ug/L m

response 32319

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	34.00	11.82#
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
QLast Update : Tue Jul 02 05:19:46 2024
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Instrument :
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Manual IntegrationsAPPROVED

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Supervised By :Semsettin Yesilyurt 07/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	408730	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	268882	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	54282	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	120916	17.419	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.680%		
7) Chloroethane-d5	1.526	69	114919	20.727	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.920%		
11) 1,1-Dichloroethene-d2	2.050	65	54811	16.797	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.200%		
21) 2-Butanone-d5	3.863	46	32319m	20.061	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	40.120%		
24) Chloroform-d	4.243	84	251671	20.860	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.440%		
26) 1,2-Dichloroethane-d4	4.937	65	133822	20.799	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.200%		
32) Benzene-d6	4.953	84	465247	30.652	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	122.600%		
36) 1,2-Dichloropropane-d6	5.982	67	146479	32.084	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	128.320%#		
41) Toluene-d8	7.239	98	311345	22.750	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.000%		
43) trans-1,3-Dichloroprop...	7.558	79	32205	15.796	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	63.200%		
47) 2-Hexanone-d5	8.037	63	17002	23.330	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	46.660%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	85310	22.795	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.200%		
66) 1,2-Dichlorobenzene-d4	11.561	152	39102	19.767	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.080%		
Target Compounds						Qvalue
13) Acetone	2.162	43	27617	12.688	ug/L #	85
16) Methylene chloride	2.442	84	20562	2.555	ug/L	91

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

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