Quantitation Report (Qedit)

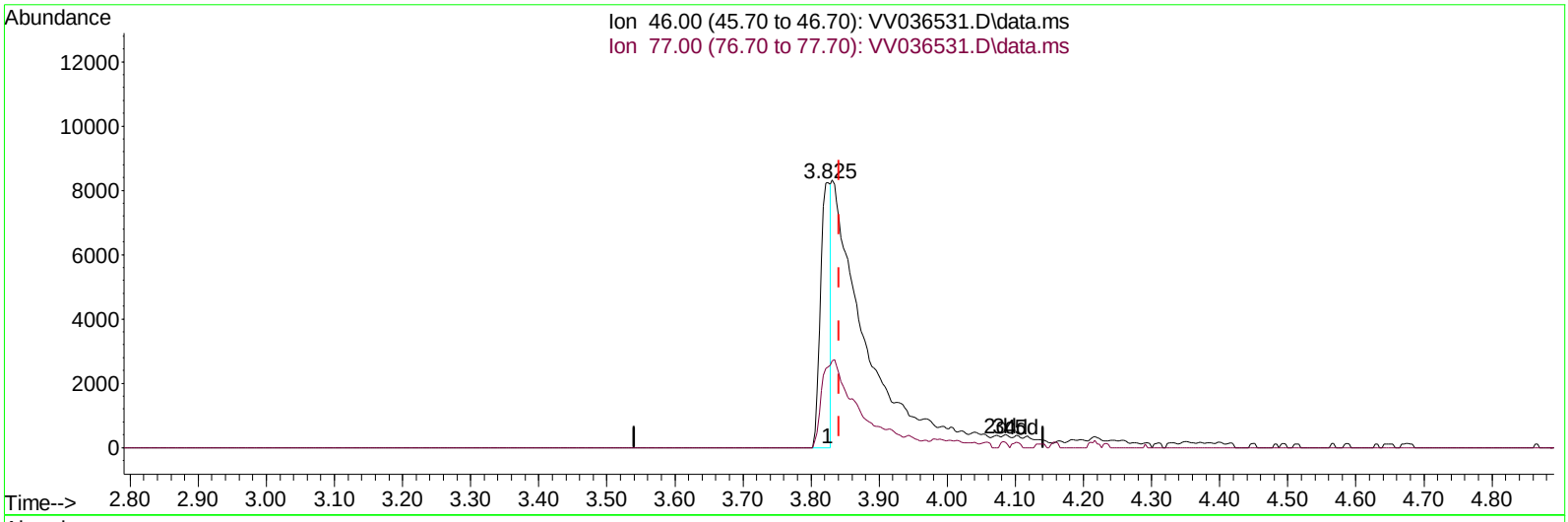
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036531.D
Acq On : 15 Jul 2024 16:33
Operator : SY/MD
Sample : P3215-20
Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

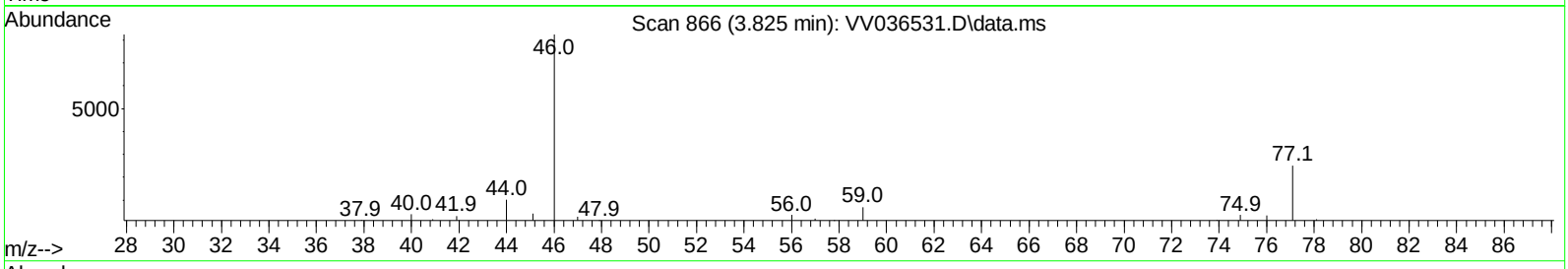
Quant Time: Jul 16 01:29:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 01:25:30 2024
Response via : Initial Calibration

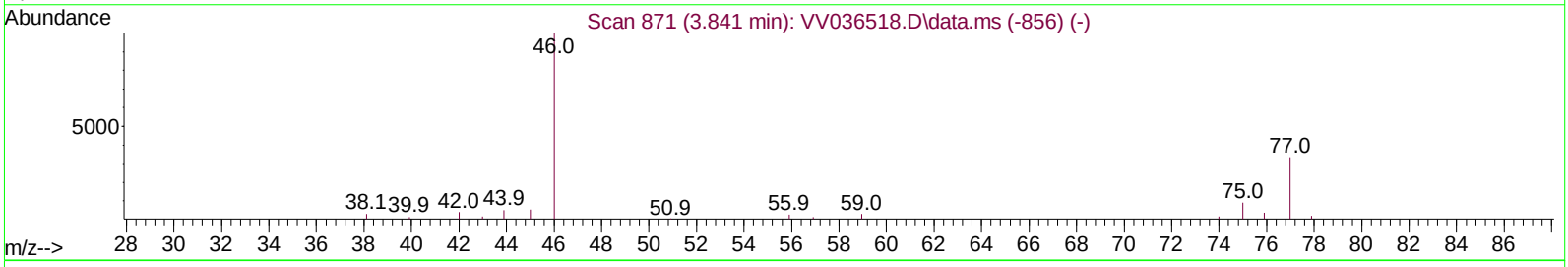
Instrument :
MSVOA_V
ClientSampleId :
A4CJ5

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 07/16/2024
Supervised By :Mahesh Dadoda 07/19/2024







TIC: VV036531.D\data.ms

(21) 2-Butanone-d5 (S)

3.825min (-0.016) 7.48 ug/L

response 8467

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.40	108.56#
0.00	0.00	0.00
0.00	0.00	0.00

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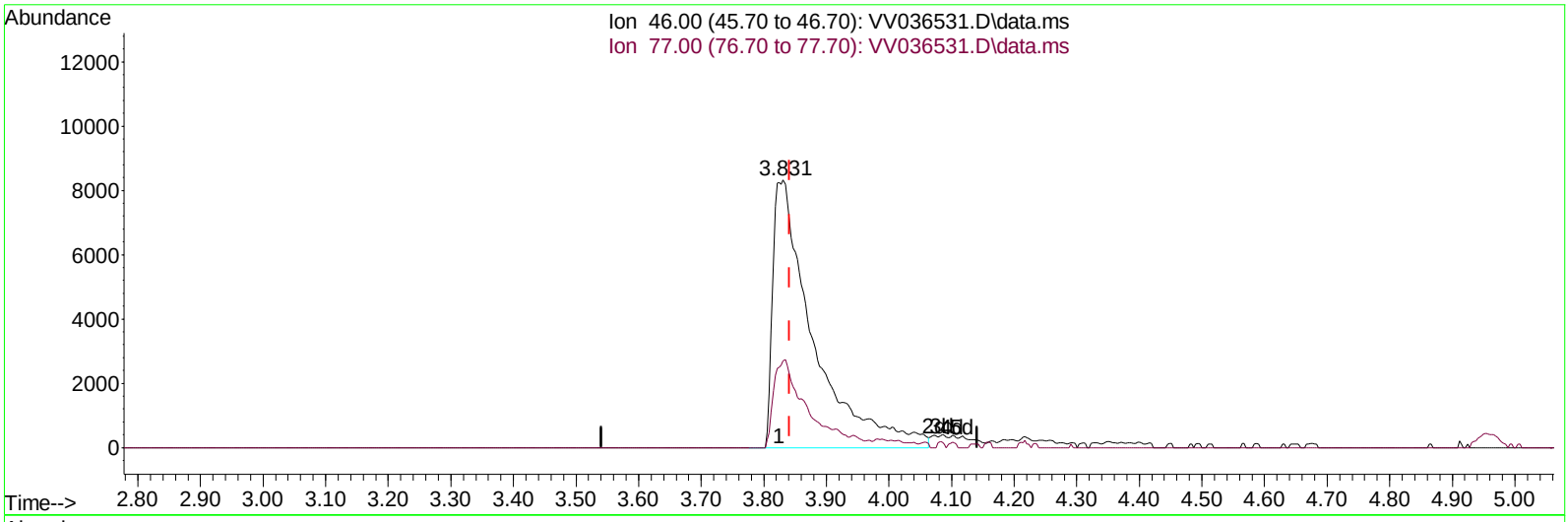

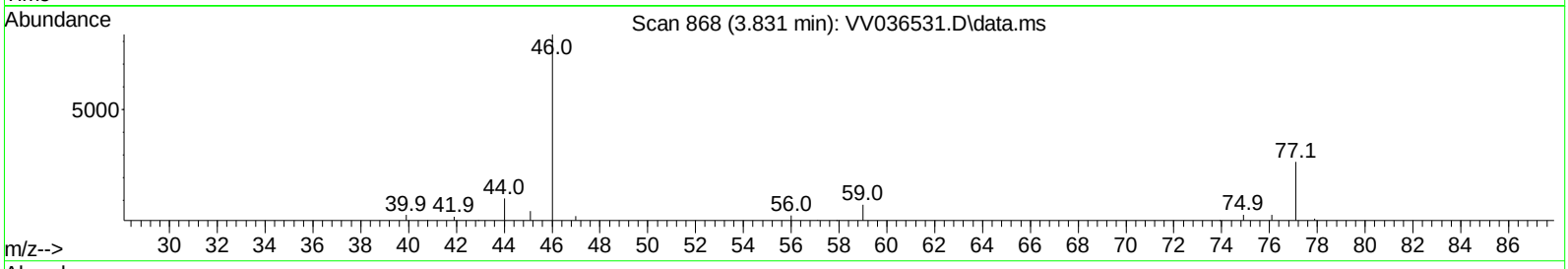

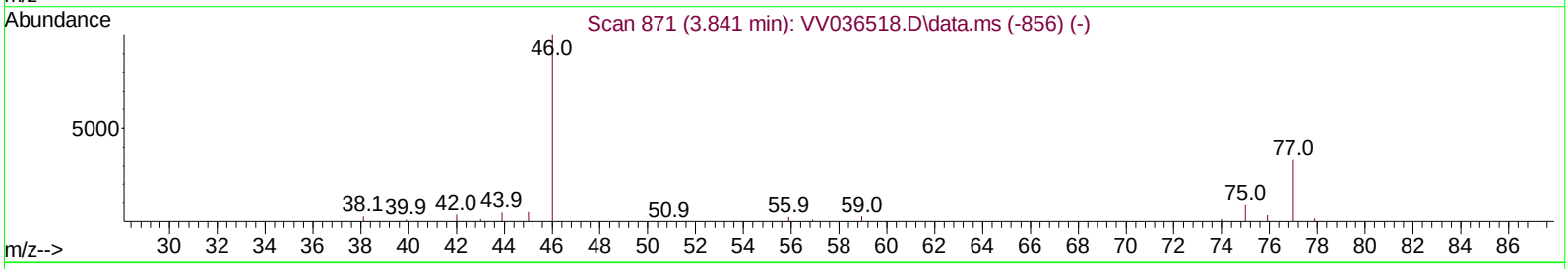

TIC: VV036531.D\data.ms

(21) 2-Butanone-d5 (S)

3.831min (-0.010) 32.94 ug/L m

response 37299

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.40	24.64#
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	5.532	114	461818	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	473565	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	193128	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	152918	23.112	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.440%		
7) Chloroethane-d5	1.526	69	127786	22.090	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.360%		
11) 1,1-Dichloroethene-d2	2.050	65	69979	20.597	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	82.400%		
21) 2-Butanone-d5	3.831	46	37299m	32.937	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.880%		
24) Chloroform-d	4.243	84	265237	19.731	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	78.920%		
26) 1,2-Dichloroethane-d4	4.937	65	137536	20.629	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.520%		
32) Benzene-d6	4.953	84	498476	21.099	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.400%		
36) 1,2-Dichloropropane-d6	5.985	67	149349	21.211	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	84.840%		
41) Toluene-d8	7.243	98	426762	19.577	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	78.320%		
43) trans-1,3-Dichloroprop...	7.554	79	54742	18.700	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	74.800%		
47) 2-Hexanone-d5	8.030	63	24530	31.368	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	62.740%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	109188	18.413	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	73.640%		
66) 1,2-Dichlorobenzene-d4	11.557	152	153552	23.429	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.720%		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	48492	5.107	ug/L	97

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

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