Quantitation Report (Qedit)

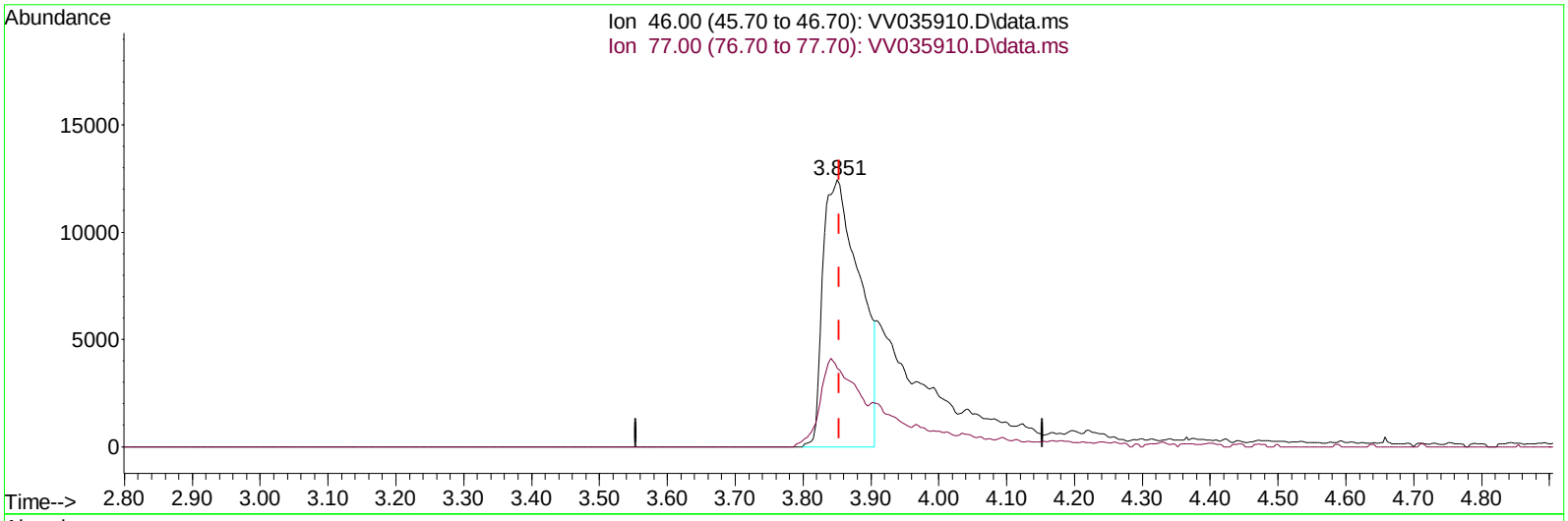
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
Data File : VV035910.D
Acq On : 30 May 2024 20:58
Operator : SY/MD
Sample : P2659-11
Misc : 4.85g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 33 Sample Multiplier: 1

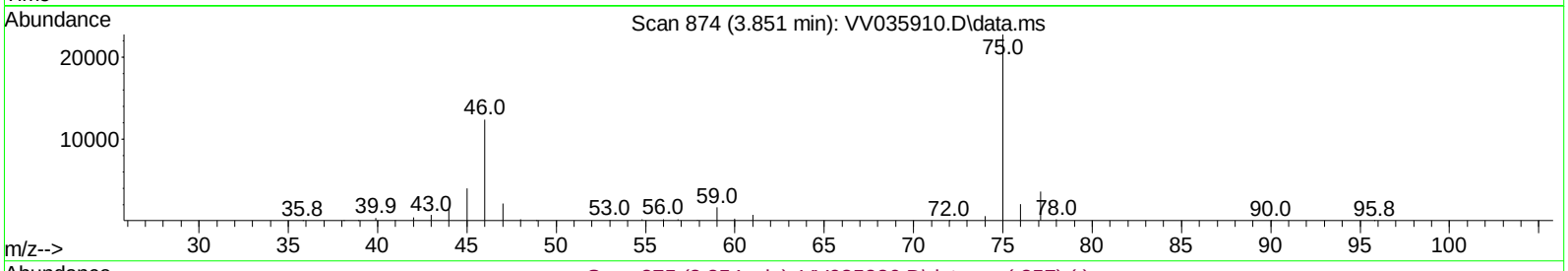
Quant Time: May 31 00:55:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 00:49:35 2024
Response via : Initial Calibration

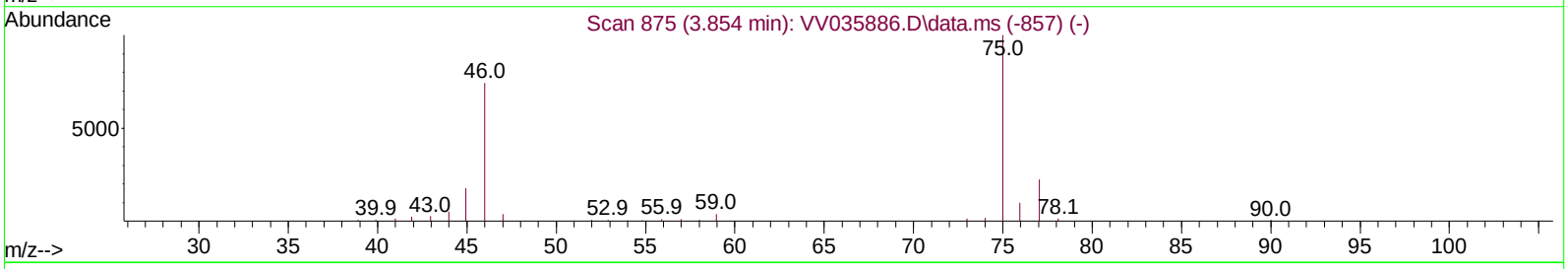
Instrument :
MSVOA_V
ClientSampleId :
BHC32

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/03/2024
Supervised By :Semsettin Yesilyurt 06/03/2024







TIC: VV035910.D\data.ms

(21) 2-Butanone-d5 (S)

3.851min (-0.003) 21.33 ug/L

response 47040

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.90	31.45#
0.00	0.00	0.00
0.00	0.00	0.00

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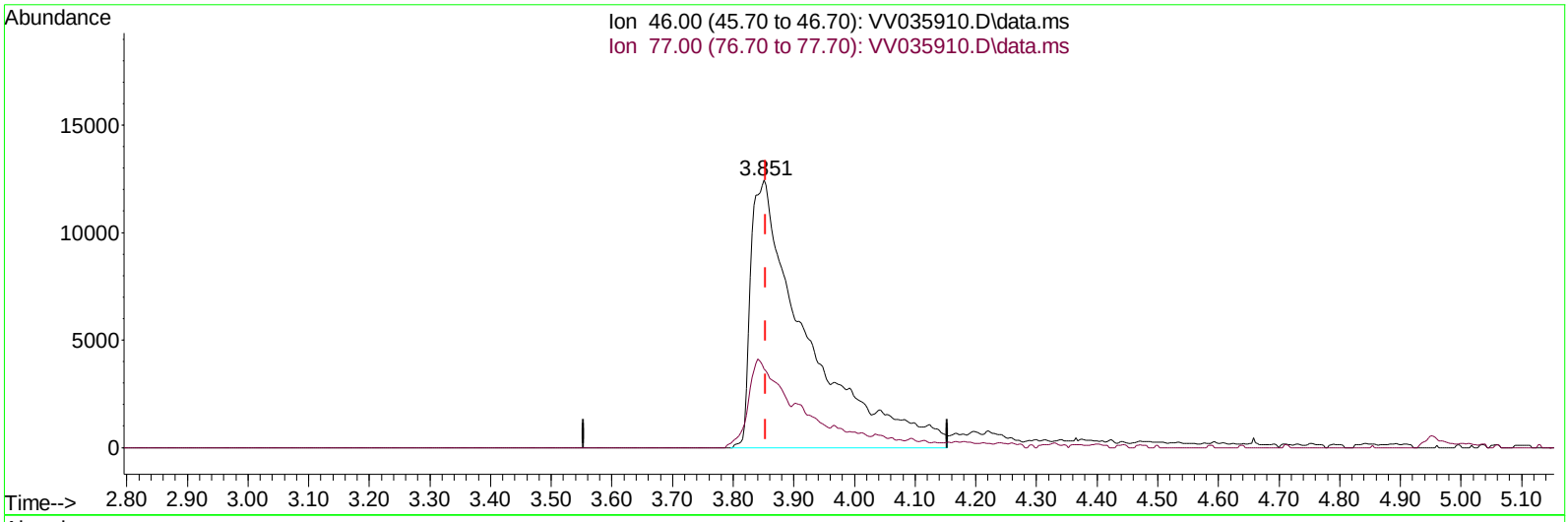

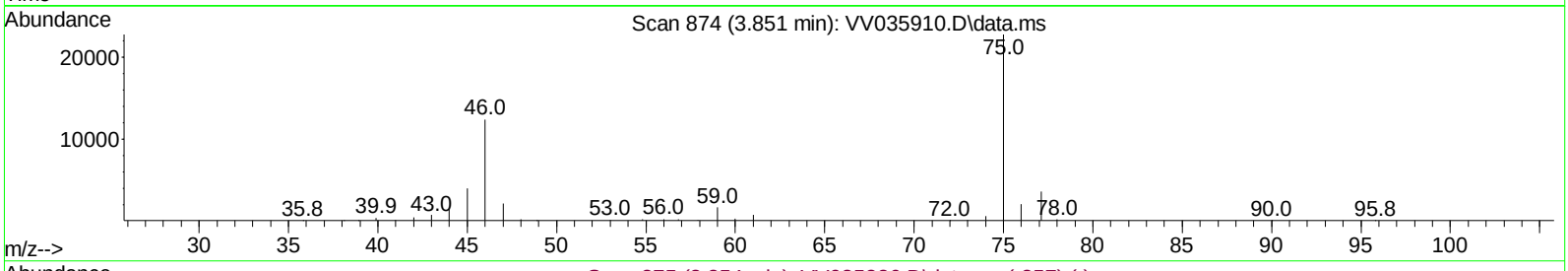

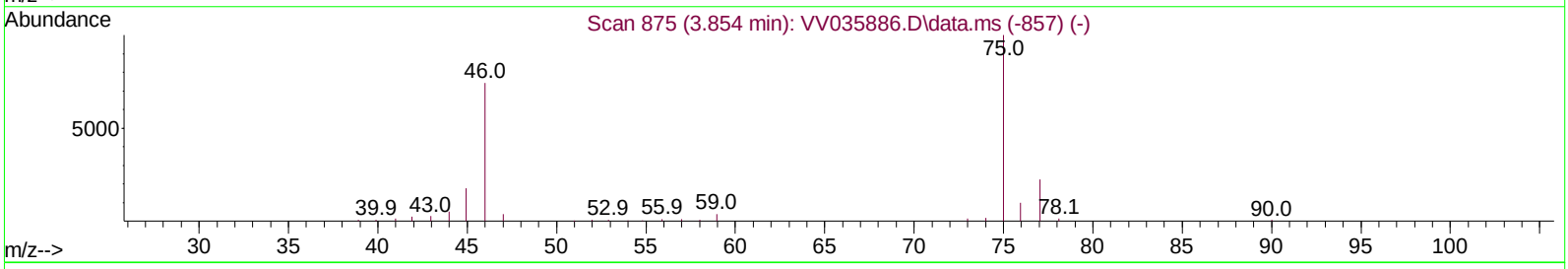

TIC: VV035910.D\data.ms

(21) 2-Butanone-d5 (S)

3.851min (-0.003) 36.45 ug/L m

response 80381

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.90	18.40#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: May 31 00:55:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 00:49:35 2024
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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	522768	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	505999	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	190443	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	142816	14.860	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.440%		
7) Chloroethane-d5	1.526	69	123557	16.123	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	64.480%		
11) 1,1-Dichloroethene-d2	2.050	65	61949	14.479	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.920%		
21) 2-Butanone-d5	3.851	46	80381m	36.452	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.900%		
24) Chloroform-d	4.243	84	284653	17.127	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	68.520%		
26) 1,2-Dichloroethane-d4	4.937	65	161544	18.539	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	74.160%		
32) Benzene-d6	4.953	84	507079	16.859	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	67.440%		
36) 1,2-Dichloropropane-d6	5.986	67	180002	19.004	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	76.000%		
41) Toluene-d8	7.240	98	387864	14.615	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	58.480%		
43) trans-1,3-Dichloroprop...	7.555	79	60702	15.630	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	62.520%		
47) 2-Hexanone-d5	8.034	63	40475	31.540	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	63.080%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	155030	21.903	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	87.600%		
66) 1,2-Dichlorobenzene-d4	11.558	152	136408	19.532	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	78.120%		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	37459	3.167	ug/L	98

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

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