Quantitation Report (Qedit)

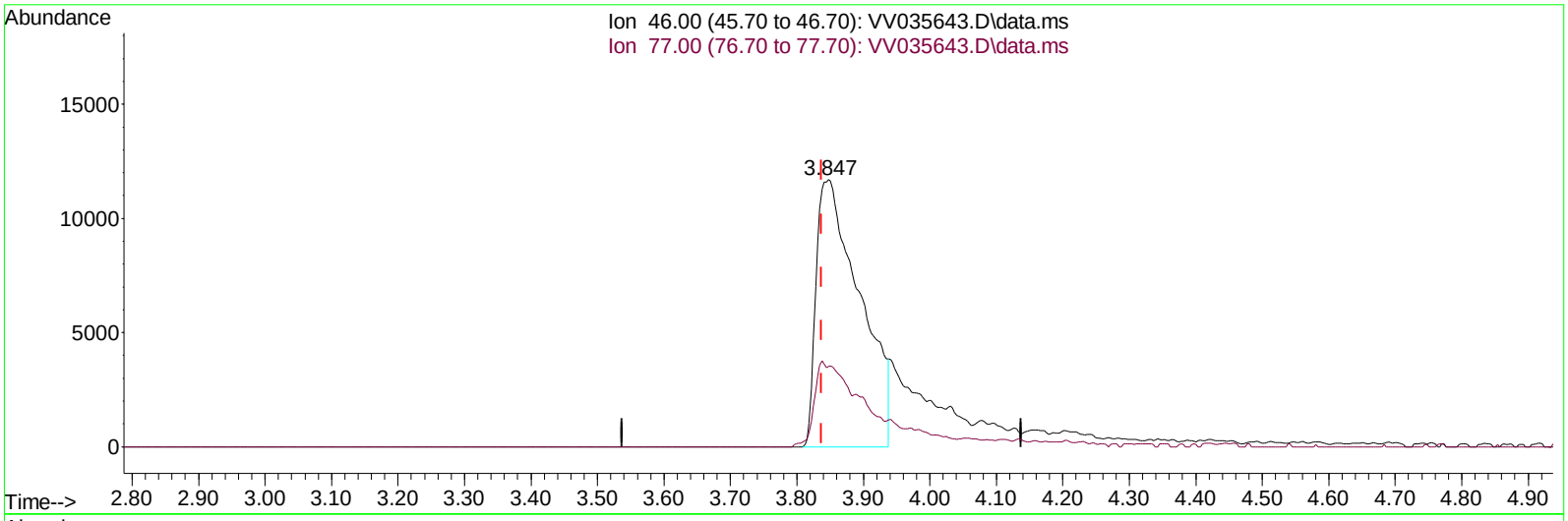
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
Data File : VV035643.D
Acq On : 21 May 2024 17:12
Operator : SY/MD
Sample : P2547-05
Misc : 5.97g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 12 Sample Multiplier: 1

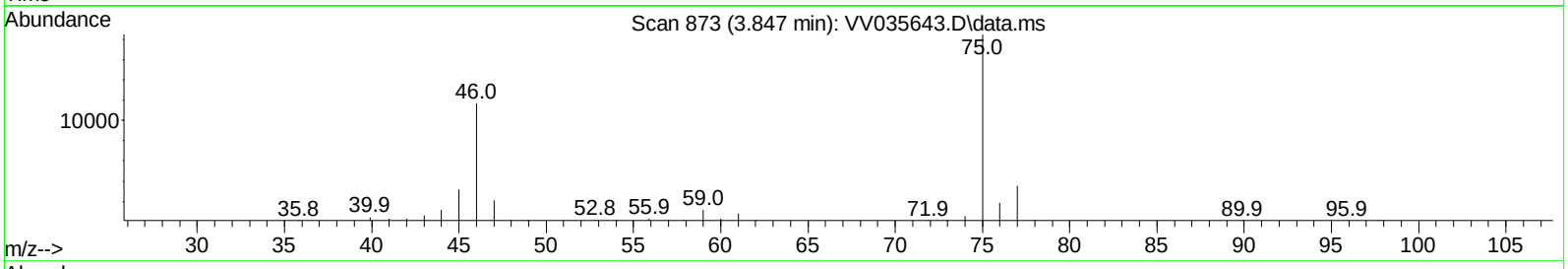
Quant Time: May 22 02:37:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:35:18 2024
Response via : Initial Calibration

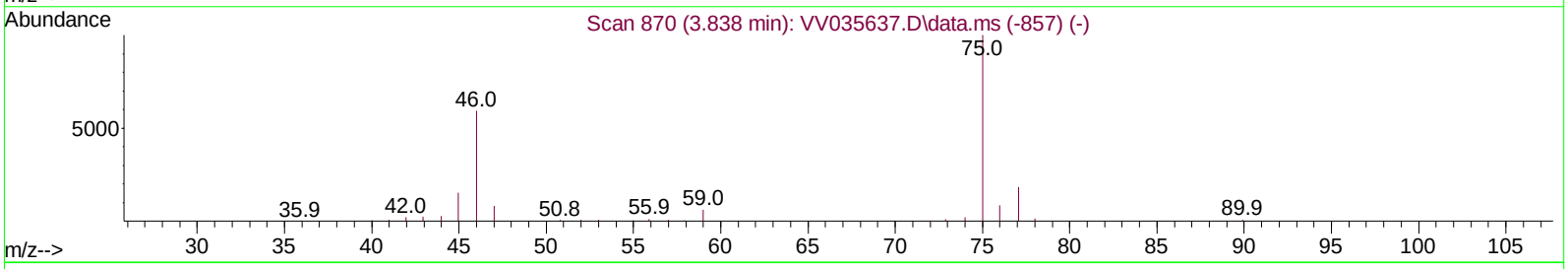
Instrument :
MSVOA_V
ClientSampleId :
BH5P3

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024







TIC: VV035643.D\data.ms

(21) 2-Butanone-d5 (S)

3.847min (+ 0.010) 46.33 ug/L

response 53263

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	8.99#
0.00	0.00	0.00
0.00	0.00	0.00

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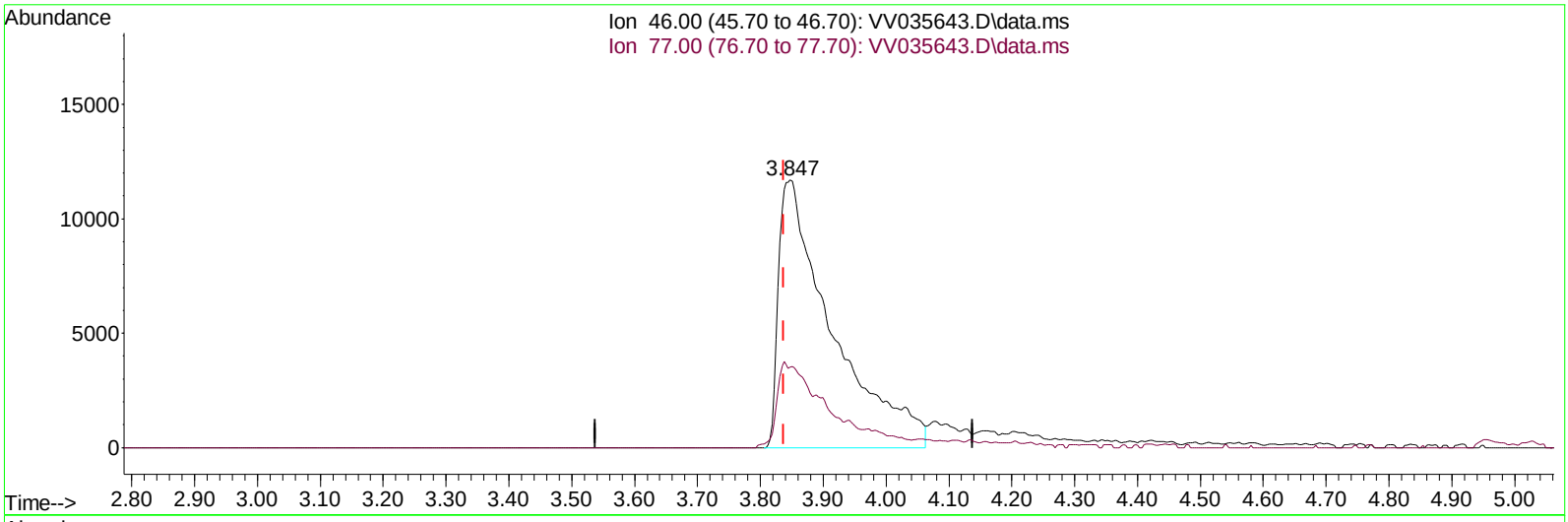

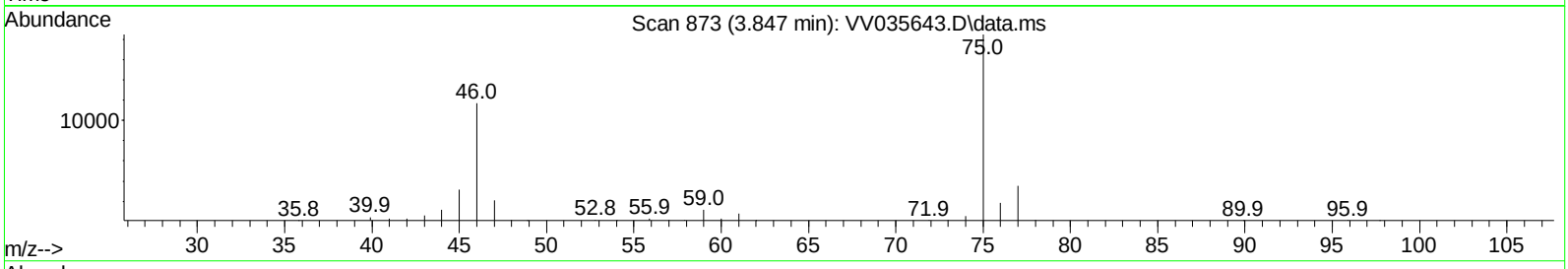

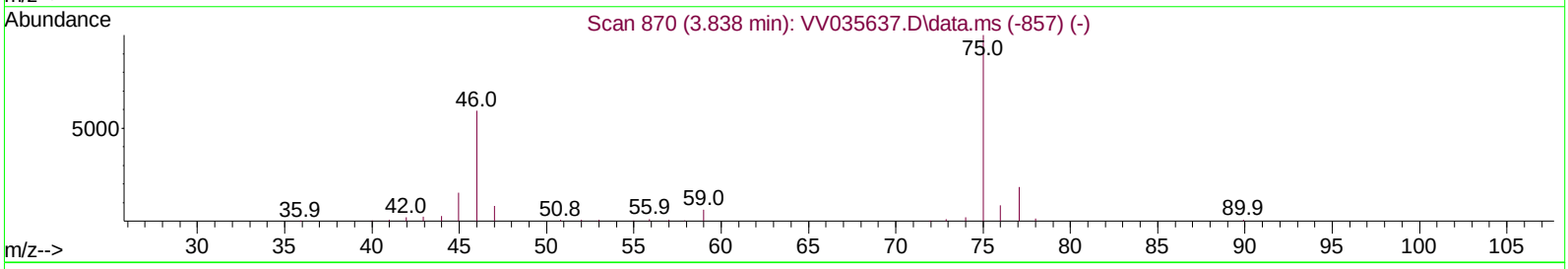

TIC: VV035643.D\data.ms

(21) 2-Butanone-d5 (S)

3.847min (+ 0.010) 59.91 ug/L m

response 68871

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	6.95#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	5.535	114	262102	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	266708	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	102080	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	84506	20.860	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.440%			
7) Chloroethane-d5	1.529	69	77207	23.624	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.480%			
11) 1,1-Dichloroethene-d2	2.053	65	38767	21.616	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.480%			
21) 2-Butanone-d5	3.847	46	68871m	59.905	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.820%			
24) Chloroform-d	4.246	84	196565	25.226	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.920%			
26) 1,2-Dichloroethane-d4	4.944	65	106588	27.670	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.680%			
32) Benzene-d6	4.960	84	341840	23.414	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.640%			
36) 1,2-Dichloropropane-d6	5.989	67	120184	26.675	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.680%			
41) Toluene-d8	7.243	98	258020	19.858	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.440%			
43) trans-1,3-Dichloroprop...	7.558	79	43923	22.795	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.160%			
47) 2-Hexanone-d5	8.034	63	39258	48.457	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.920%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	119494	27.523	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.080%			
66) 1,2-Dichlorobenzene-d4	11.561	152	88175	24.890	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.560%			
Target Compounds						Qvalue
16) Methylene chloride	2.446	84	53817	8.904	ug/L	95

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

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