Quantitation Report (Qedit)

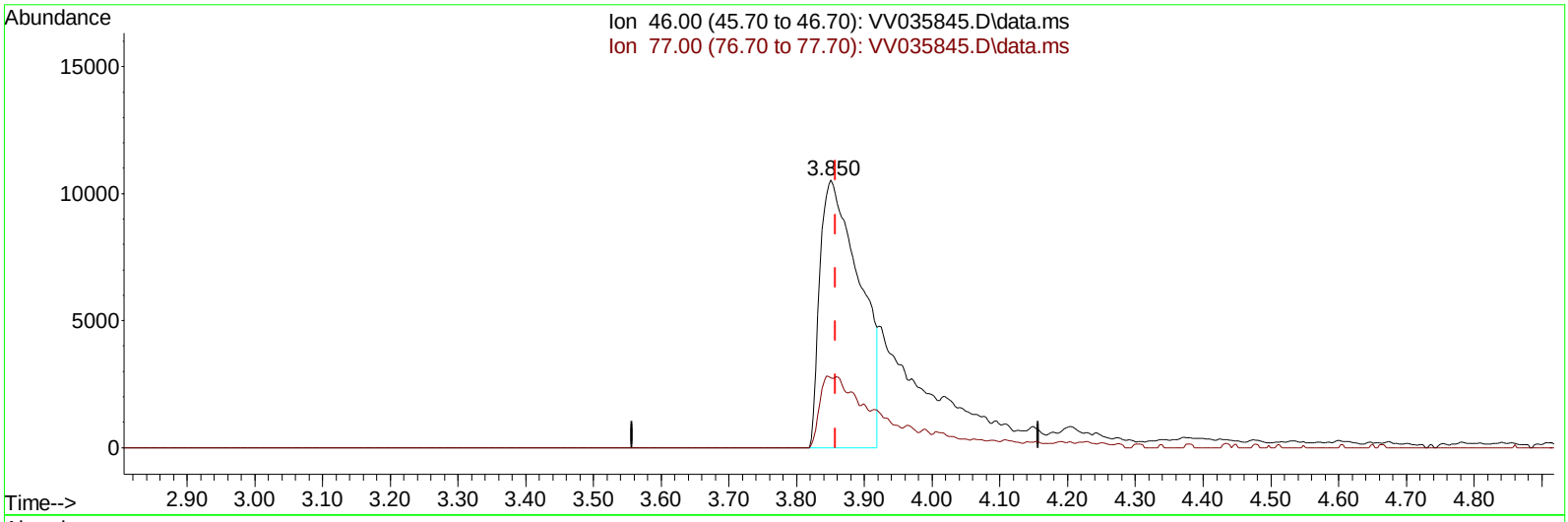
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
Data File : VV035845.D
Acq On : 28 May 2024 14:49
Operator : SY/MD
Sample : P2586-15
Misc : 5.33g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

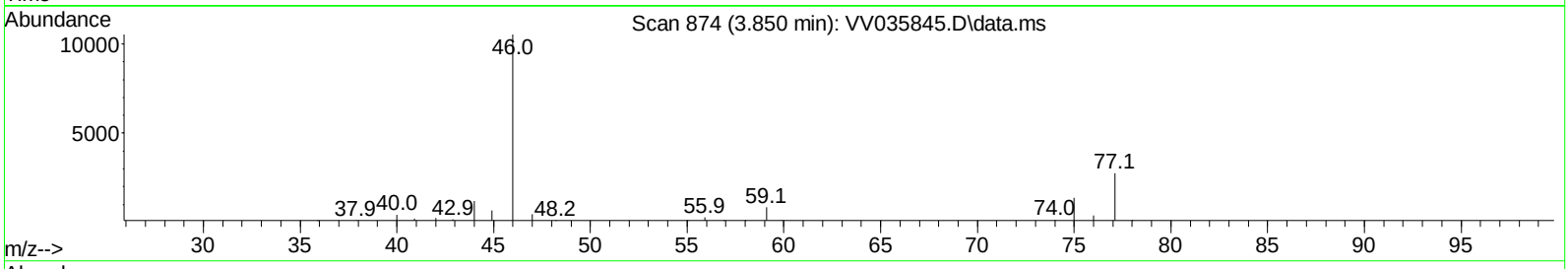
Quant Time: May 29 02:27:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 02:22:14 2024
Response via : Initial Calibration

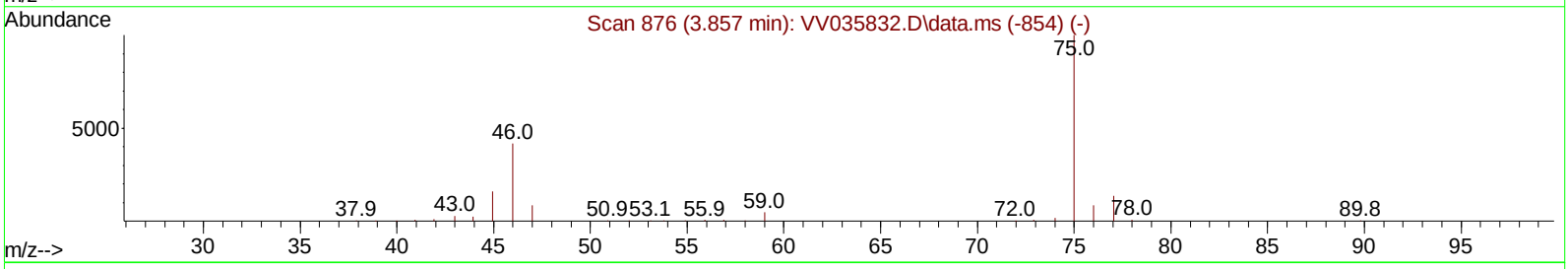
Instrument :
MSVOA_V
ClientSampleId :
A4C29

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024







TIC: VV035845.D\data.ms

(21) 2-Butanone-d5 (S)

3.850min (-0.006) 16.47 ug/L

response 42662

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	9.17#
0.00	0.00	0.00
0.00	0.00	0.00

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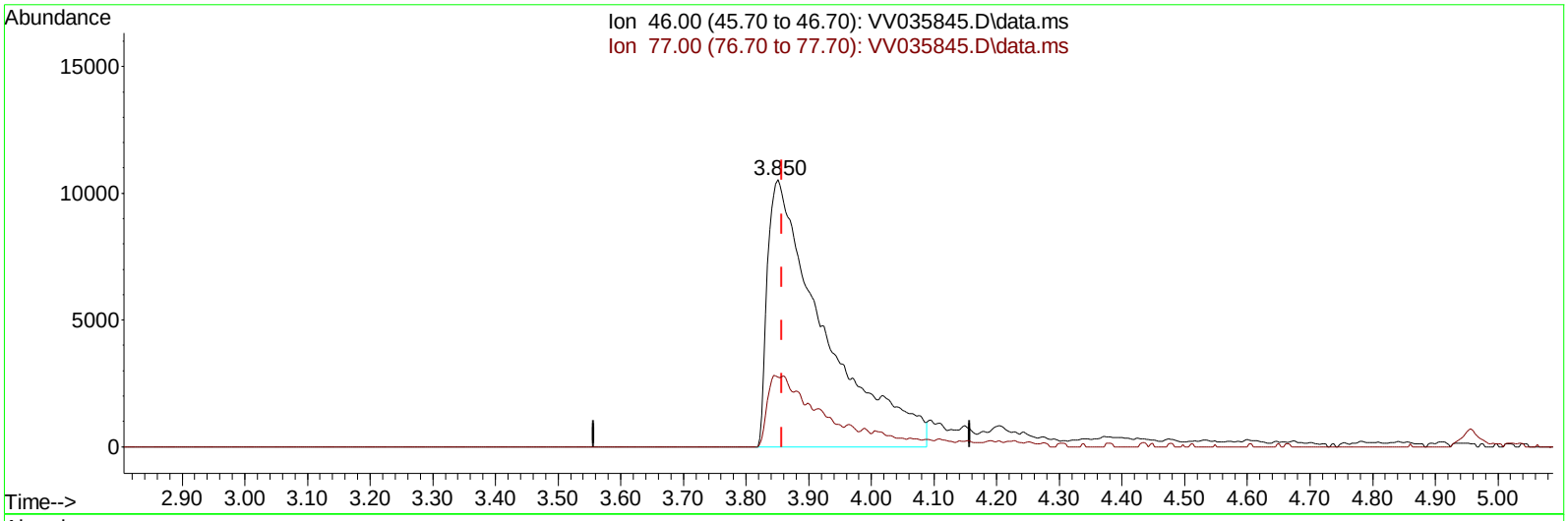

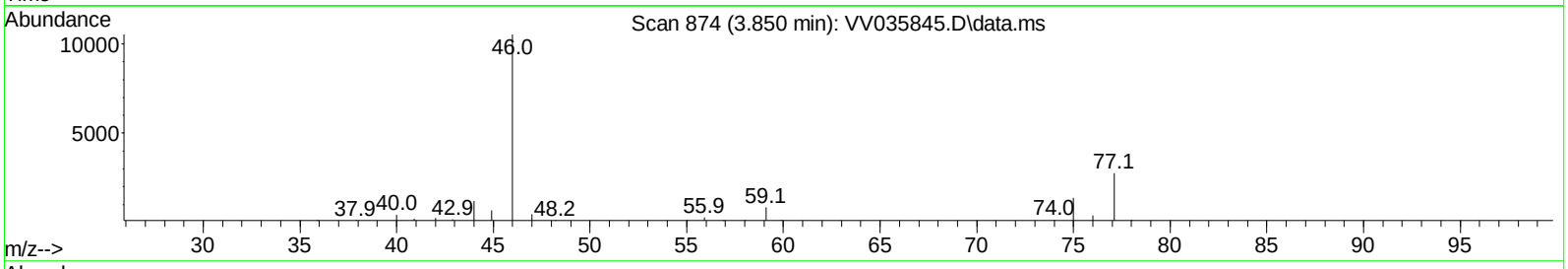

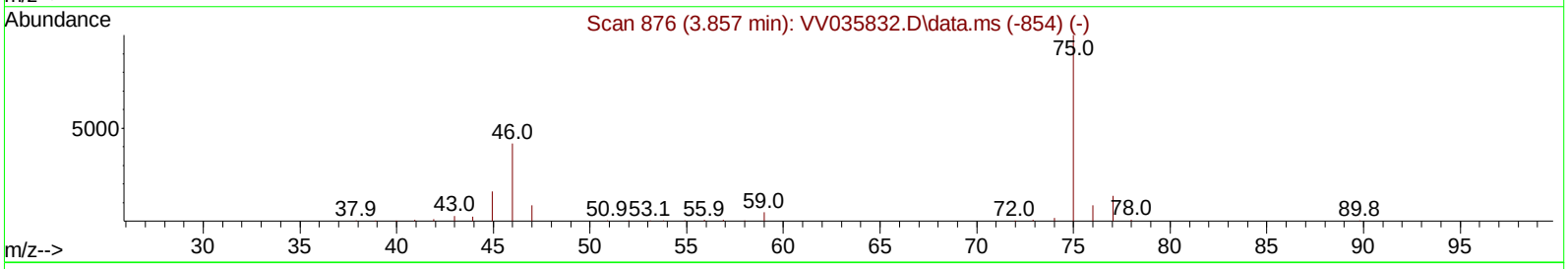

TIC: VV035845.D\data.ms

(21) 2-Butanone-d5 (S)

3.850min (-0.006) 25.45 ug/L m

response 65951

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	5.93#
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	5.532	114	590673	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	496478	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	142751	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	196949	21.573	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.280%		
7) Chloroethane-d5	1.529	69	159645	21.676	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.720%		
11) 1,1-Dichloroethene-d2	2.053	65	84979	21.025	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	84.120%		
21) 2-Butanone-d5	3.850	46	65951m	25.455	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	50.900%		
24) Chloroform-d	4.246	84	340200	19.373	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.480%		
26) 1,2-Dichloroethane-d4	4.940	65	182182	20.986	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.960%		
32) Benzene-d6	4.957	84	649900	23.914	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.640%		
36) 1,2-Dichloropropane-d6	5.985	67	208453	24.854	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	99.400%		
41) Toluene-d8	7.243	98	500353	20.686	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.760%		
43) trans-1,3-Dichloroprop...	7.555	79	63223	17.626	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	70.520%		
47) 2-Hexanone-d5	8.037	63	25501	16.909	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	33.820%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	123644	15.299	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	61.200%		
66) 1,2-Dichlorobenzene-d4	11.561	152	100969	20.381	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.520%		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	40135	2.947	ug/L	98

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

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