

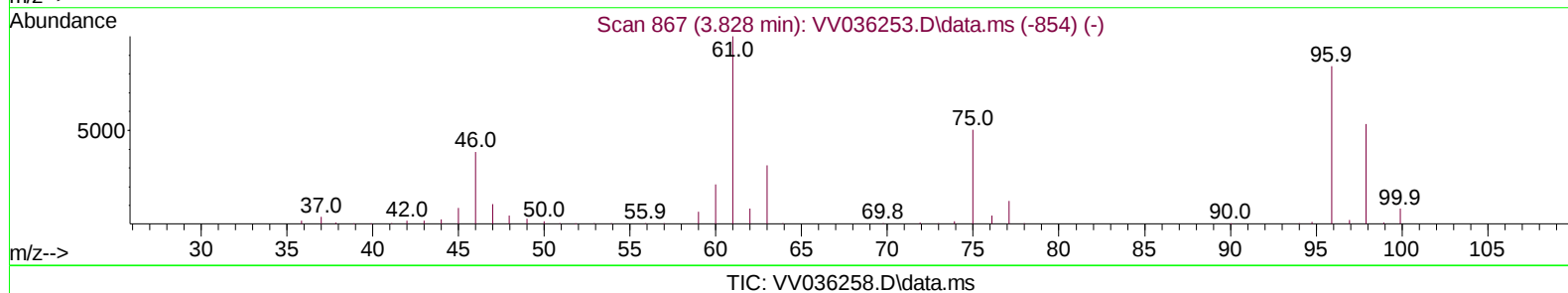
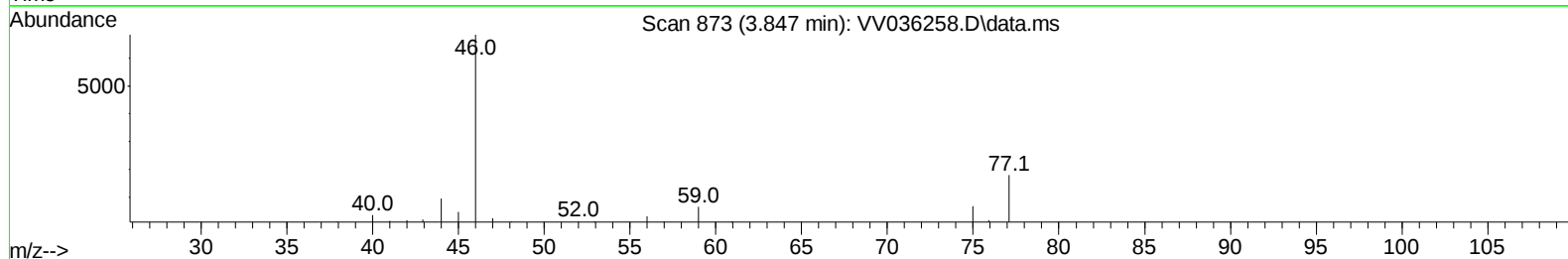
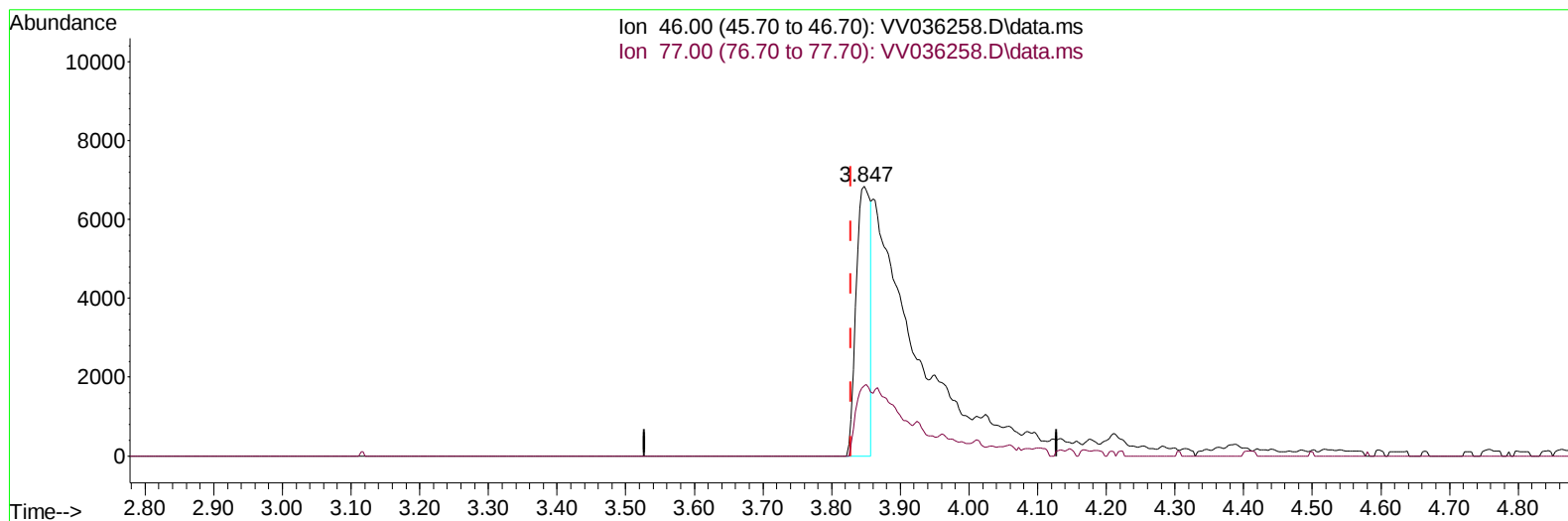
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
Data File : VV036258.D
Acq On : 24 Jun 2024 21:22
Operator : SY/MD
Sample : P3010-07
Misc : 5.16g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CW1

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024

Quant Time: Jun 25 06:28:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 05:53:47 2024
Response via : Initial Calibration

**(21) 2-Butanone-d5 (S)**

3.847min (+ 0.019) 4.75 ug/L

response 10053

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.90	29.59#
0.00	0.00	0.00
0.00	0.00	0.00

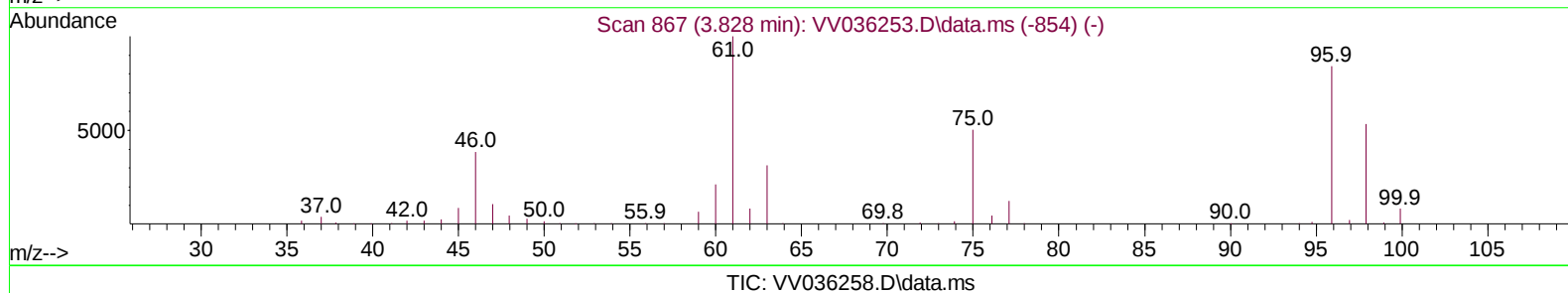
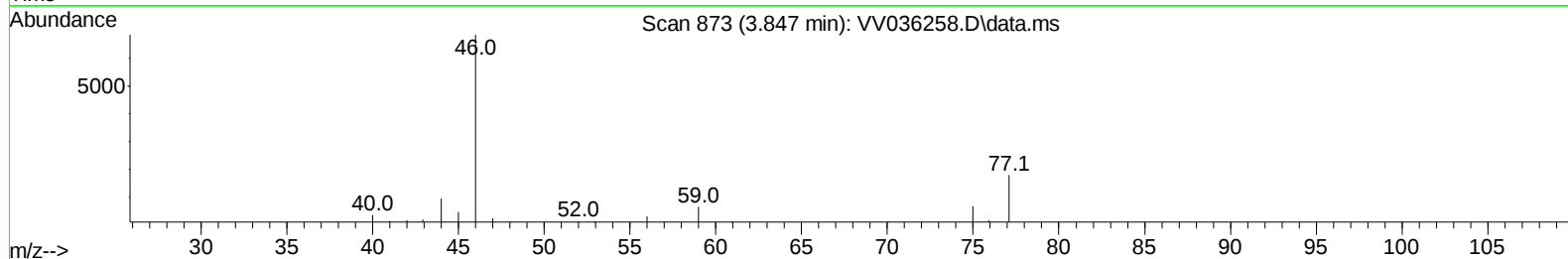
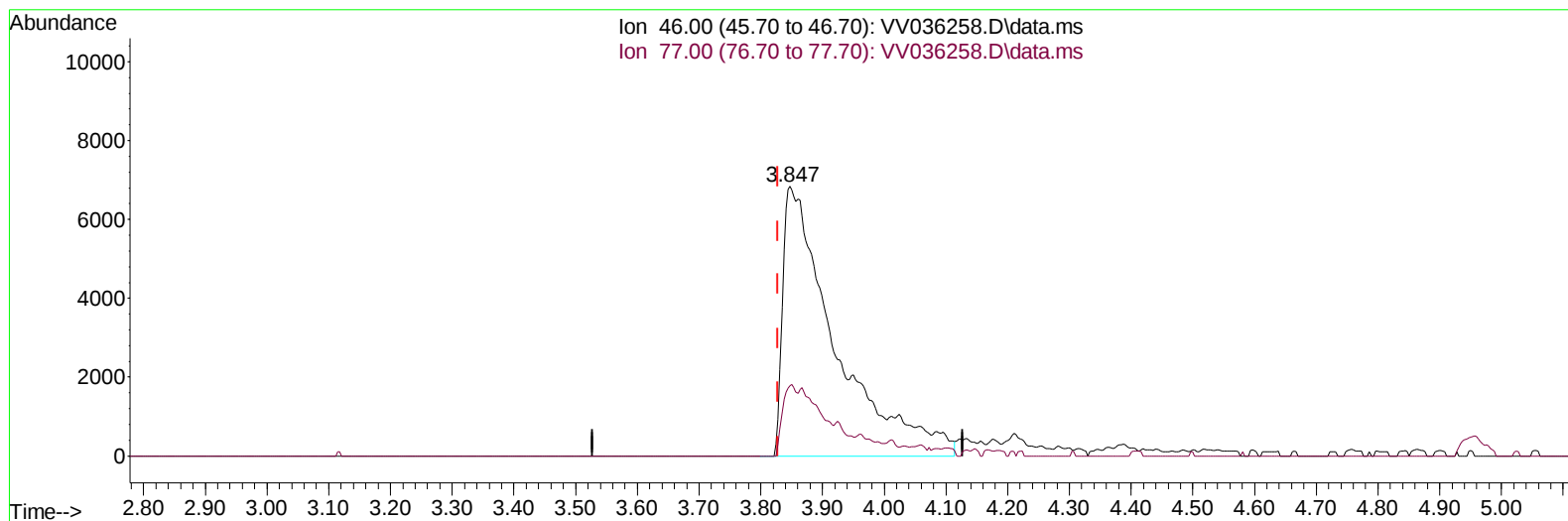
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(21) 2-Butanone-d5 (S)

3.847min (+ 0.019) 19.05 ug/L m

response 40317

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.90	7.38#
0.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Difluorobenzene	5.529	114		501794	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117		468271	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152		152115	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.272	65		183840	19.927	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery =	79.720%		
7) Chloroethane-d5	1.526	69		163627	22.244	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery =	88.960%		
11) 1,1-Dichloroethene-d2	2.050	65		86538	21.071	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110		Recovery =	84.280%		
21) 2-Butanone-d5	3.847	46		40317m	19.047	ug/L	0.02
Spiked Amount 50.000	Range 20	- 135		Recovery =	38.100%		
24) Chloroform-d	4.243	84		346320	21.709	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150		Recovery =	86.840%		
26) 1,2-Dichloroethane-d4	4.937	65		183121	21.893	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130		Recovery =	87.560%		
32) Benzene-d6	4.953	84		649429	23.331	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135		Recovery =	93.320%		
36) 1,2-Dichloropropane-d6	5.982	67		215753	24.614	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120		Recovery =	98.440%		
41) Toluene-d8	7.240	98		526609	21.442	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130		Recovery =	85.760%		
43) trans-1,3-Dichloroprop...	7.551	79		64252	17.877	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135		Recovery =	71.520%		
47) 2-Hexanone-d5	8.034	63		25132	21.162	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135		Recovery =	42.320%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84		139385	21.279	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120		Recovery =	85.120%		
66) 1,2-Dichlorobenzene-d4	11.558	152		136489	24.468	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120		Recovery =	97.880%		

Target Compounds Qvalue

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

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