

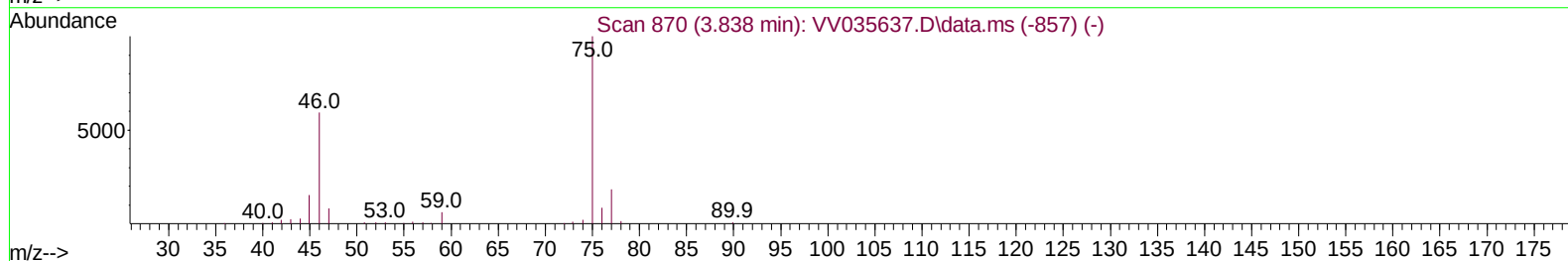
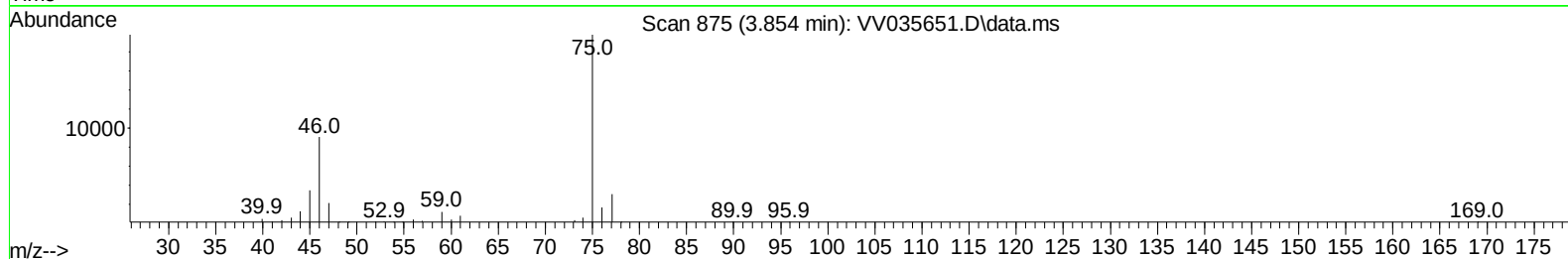
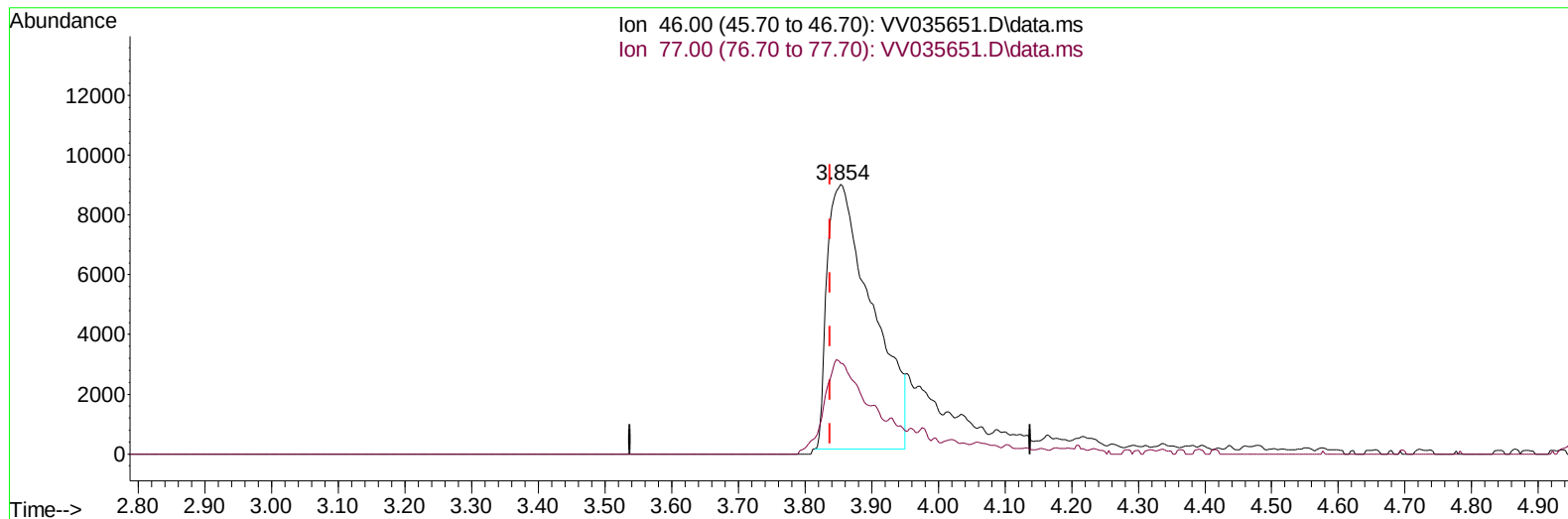
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
Data File : VV035651.D
Acq On : 21 May 2024 20:15
Operator : SY/MD
Sample : P2547-21
Misc : 5.74g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5X6

Manual IntegrationsAPPROVED

Quant Time: May 22 02:39:23 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

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



TIC: VV035651.D\data.ms

(21) 2-Butanone-d5 (S)

3.854min (+ 0.016) 30.57 ug/L

response 41444

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	27.97#
0.00	0.00	0.00
0.00	0.00	0.00

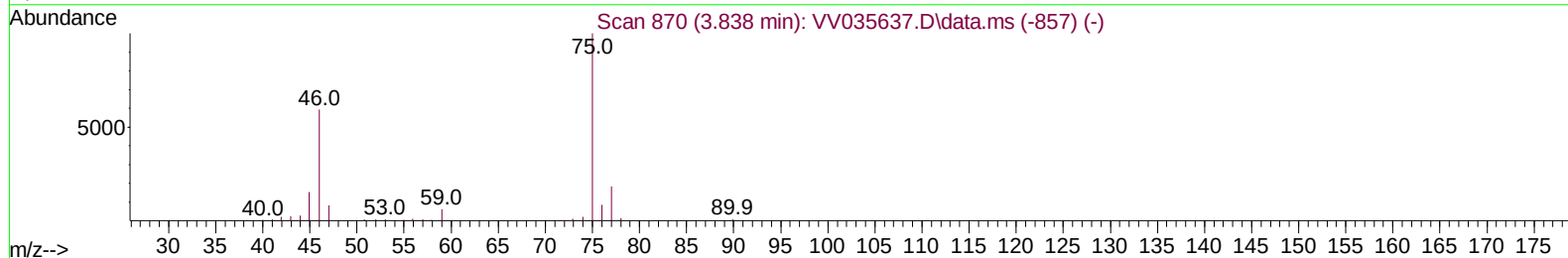
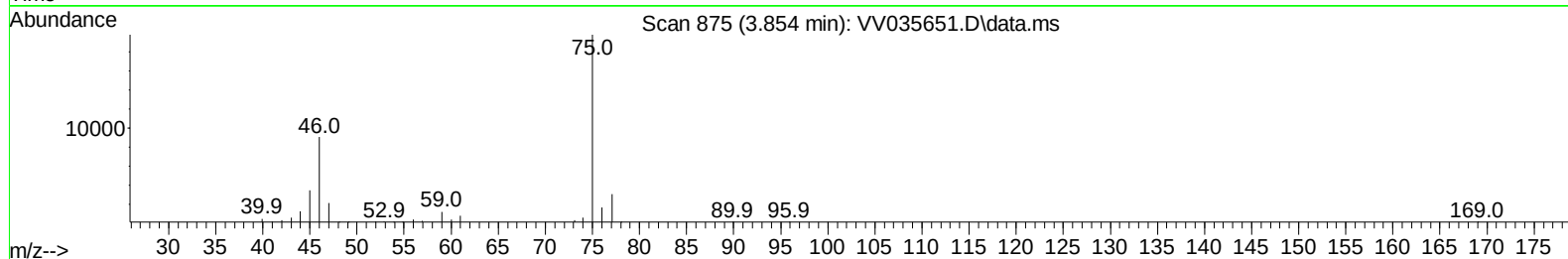
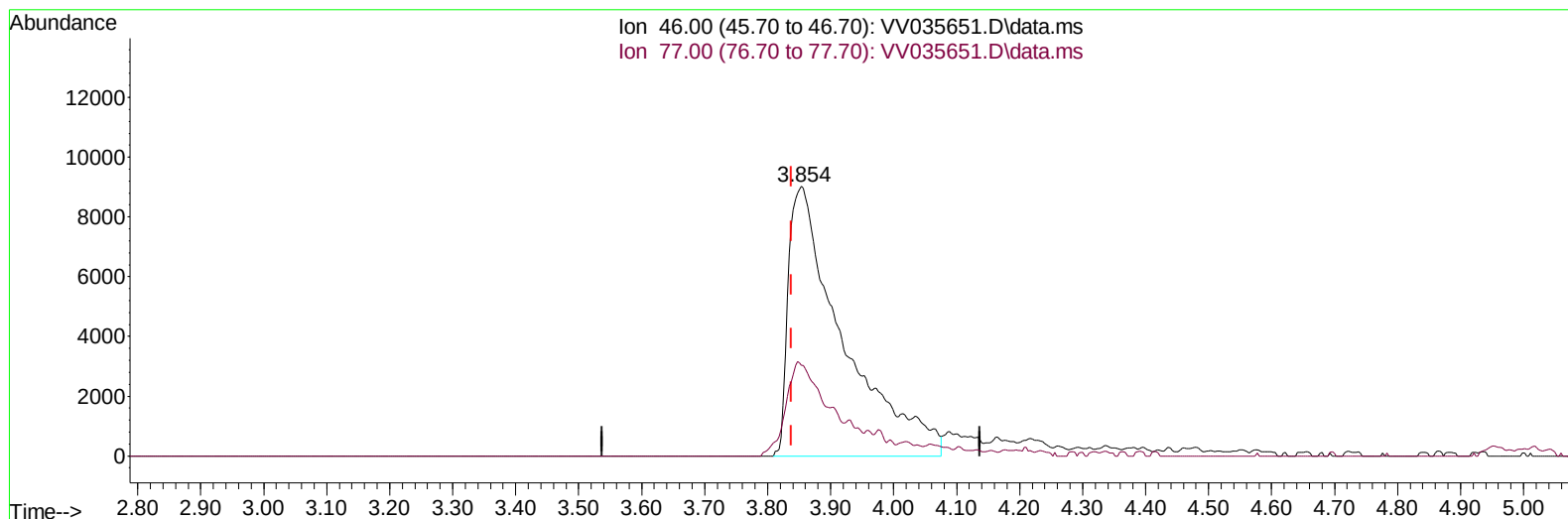
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TIC: VV035651.D\data.ms

(21) 2-Butanone-d5 (S)

3.854min (+ 0.016) 39.95 ug/L m

response 54154

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	21.40#
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	5.532	114		309039	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117		302543	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152		112142	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.272	65		102069	21.369	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery =	85.480%		
7) Chloroethane-d5	1.529	69		92645	24.042	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery =	96.160%		
11) 1,1-Dichloroethene-d2	2.053	65		46502	21.990	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110		Recovery =	87.960%		
21) 2-Butanone-d5	3.854	46		54154m	39.950	ug/L	0.02
Spiked Amount 50.000	Range 20	- 135		Recovery =	79.900%		
24) Chloroform-d	4.246	84		242228	26.365	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150		Recovery =	105.440%		
26) 1,2-Dichloroethane-d4	4.940	65		123514	27.194	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130		Recovery =	108.760%		
32) Benzene-d6	4.957	84		411172	24.828	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135		Recovery =	99.320%		
36) 1,2-Dichloropropane-d6	5.985	67		147929	28.944	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120		Recovery =	115.760%		
41) Toluene-d8	7.243	98		306994	20.828	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130		Recovery =	83.320%		
43) trans-1,3-Dichloroprop...	7.558	79		43560	19.929	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135		Recovery =	79.720%		
47) 2-Hexanone-d5	8.037	63		28956	31.508	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135		Recovery =	63.020%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84		114318	23.212	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120		Recovery =	92.840%		
66) 1,2-Dichlorobenzene-d4	11.561	152		99624	25.598	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120		Recovery =	102.400%		
Target Compounds							
16) Methylene chloride	2.442	84		91728	12.872	ug/L	Qvalue 97

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

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