

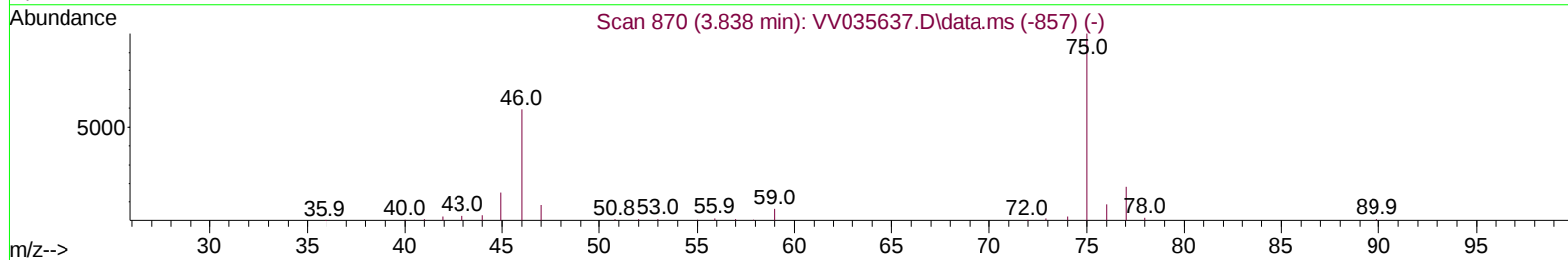
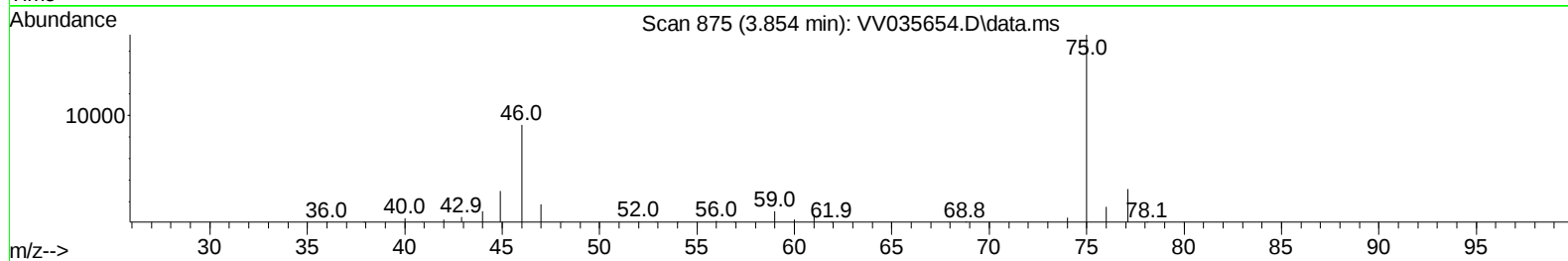
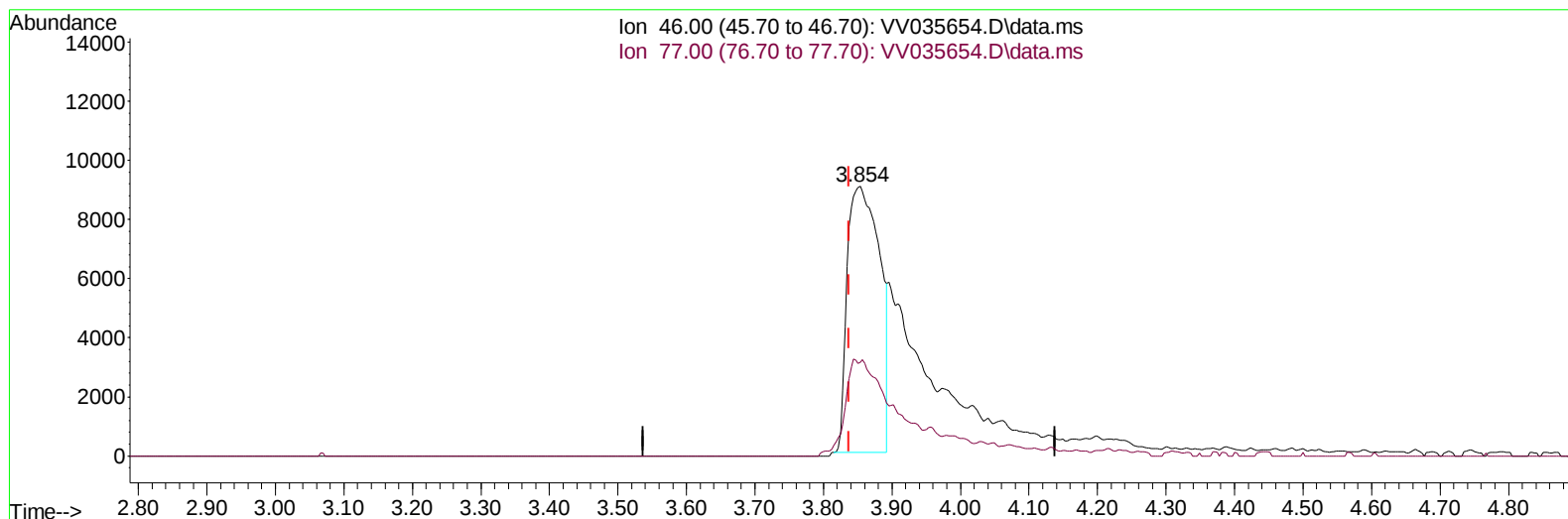
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
Data File : VV035654.D
Acq On : 21 May 2024 21:24
Operator : SY/MD
Sample : P2547-18
Misc : 4.66g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5X5

Manual IntegrationsAPPROVED

Quant Time: May 22 02:40:06 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: VV035654.D\data.ms

(21) 2-Butanone-d5 (S)

3.854min (+ 0.016) 27.87 ug/L

response 29608

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	13.43
0.00	0.00	0.00
0.00	0.00	0.00

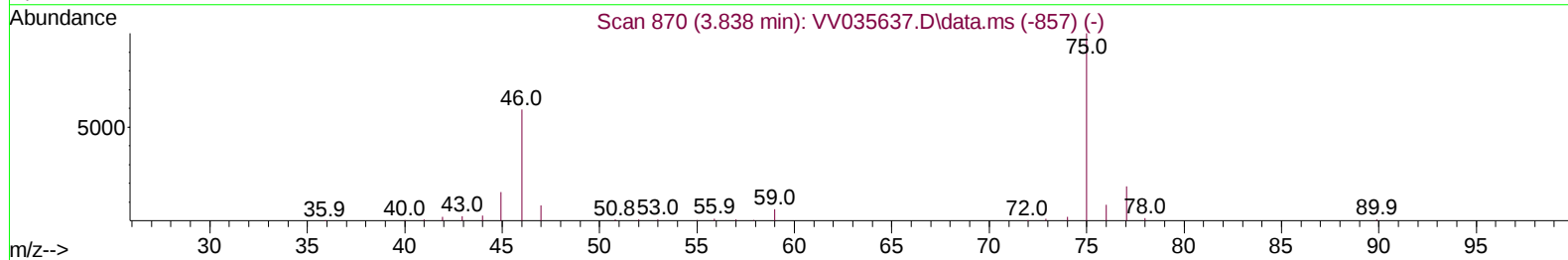
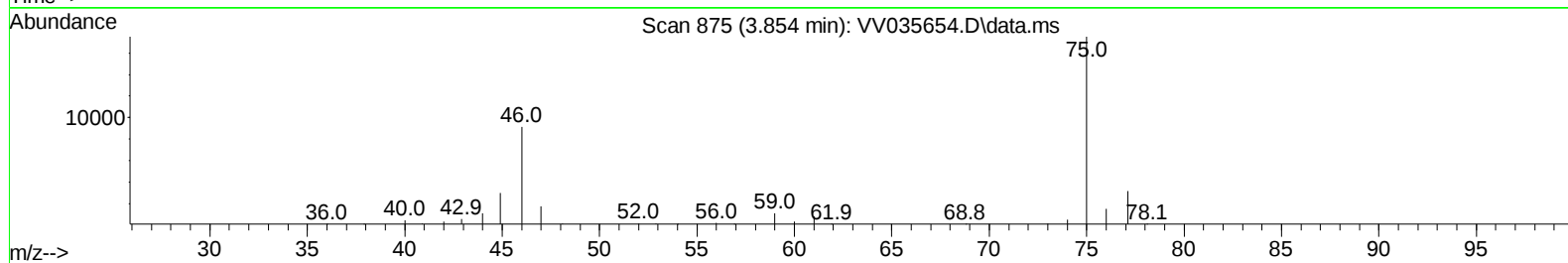
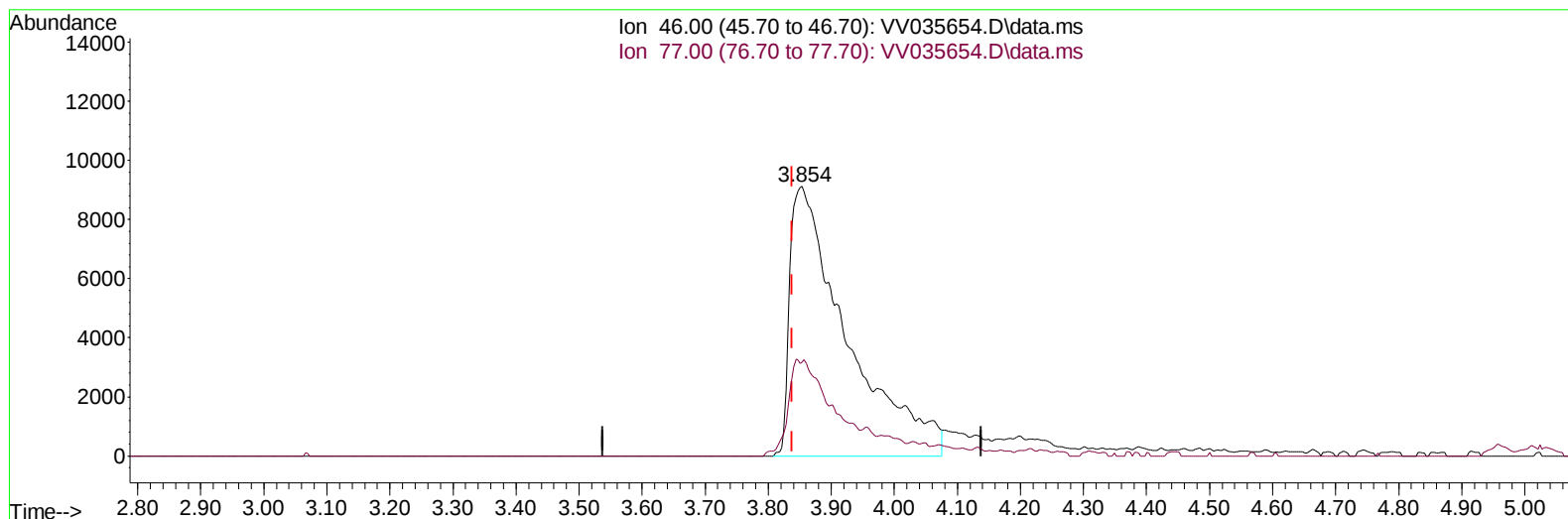
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TIC: VV035654.D\data.ms

(21) 2-Butanone-d5 (S)

3.854min (+ 0.016) 53.82 ug/L m

response 57187

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

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

Internal Standards							
1) 1,4-Difluorobenzene	5.535	114		242233	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117		222129	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152		66807	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.275	65		91536	24.449	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery =	97.800%		
7) Chloroethane-d5	1.529	69		86184	28.534	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery =	114.120%		
11) 1,1-Dichloroethene-d2	2.053	65		41164	24.835	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110		Recovery =	99.320%		
21) 2-Butanone-d5	3.854	46		57187m	53.822	ug/L	0.02
Spiked Amount 50.000	Range 20	- 135		Recovery =	107.640%		
24) Chloroform-d	4.246	84		216250	30.029	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150		Recovery =	120.120%		
26) 1,2-Dichloroethane-d4	4.944	65		111801	31.404	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130		Recovery =	125.600%		
32) Benzene-d6	4.960	84		356654	29.332	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135		Recovery =	117.320%		
36) 1,2-Dichloropropane-d6	5.989	67		134140	35.748	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120		Recovery =	143.000%#		
41) Toluene-d8	7.243	98		250045	23.106	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130		Recovery =	92.440%		
43) trans-1,3-Dichloroprop...	7.558	79		37750	23.523	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135		Recovery =	94.080%		
47) 2-Hexanone-d5	8.037	63		28450	42.164	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135		Recovery =	84.320%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84		114393	31.636	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120		Recovery =	126.560%#		
66) 1,2-Dichlorobenzene-d4	11.561	152		66783	28.804	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120		Recovery =	115.200%		
Target Compounds							
16) Methylene chloride	2.442	84		79532	14.238	ug/L	Qvalue 94

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

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