

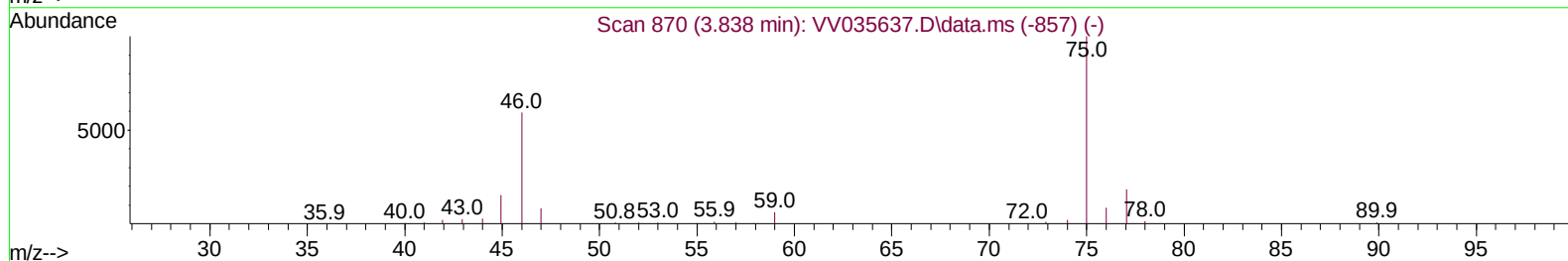
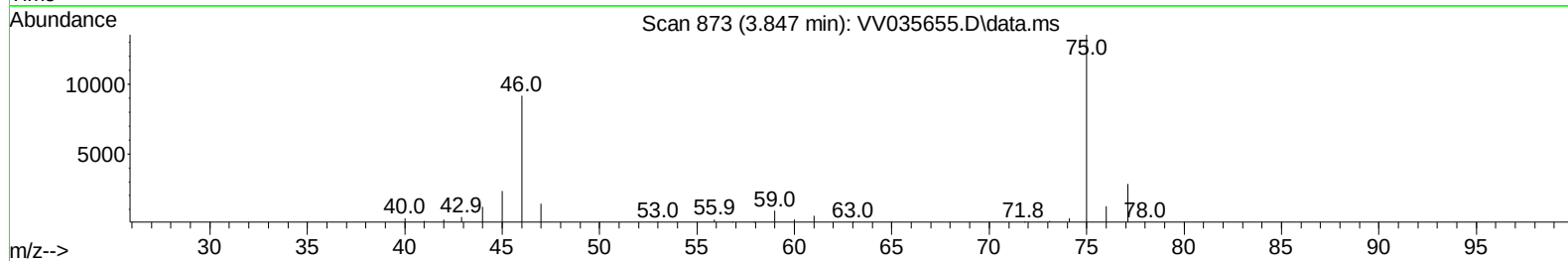
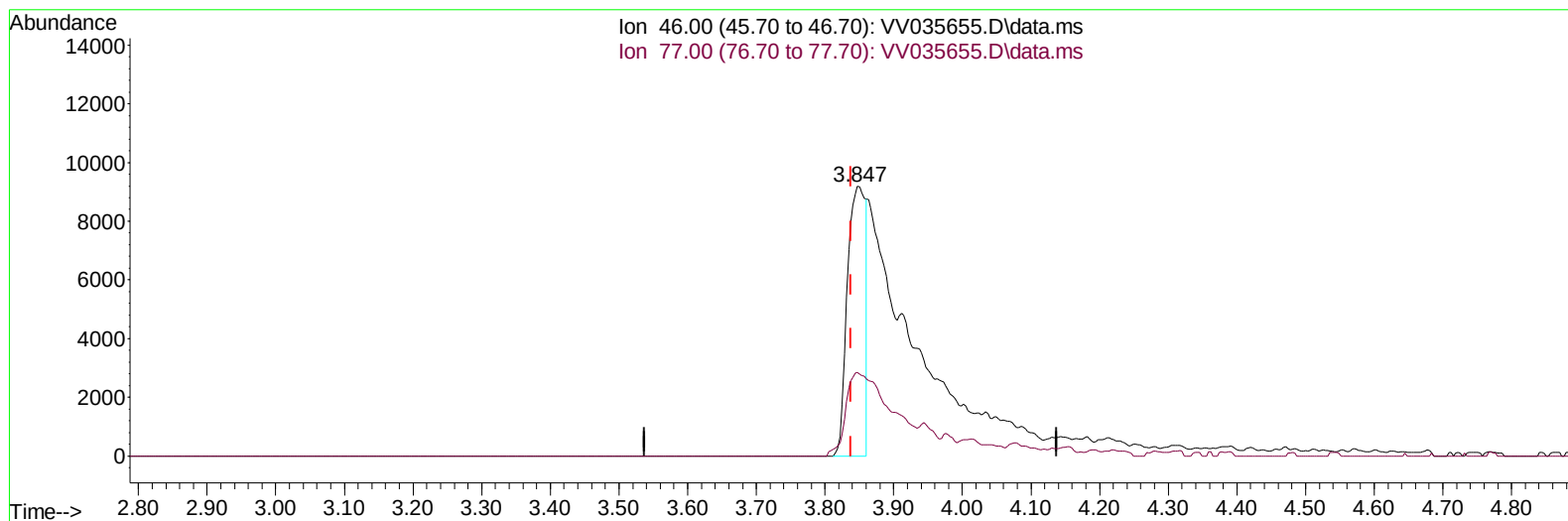
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
Data File : VV035655.D
Acq On : 21 May 2024 21:47
Operator : SY/MD
Sample : P2547-15
Misc : 5.25g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5X2

Manual IntegrationsAPPROVED

Quant Time: May 22 02:40:20 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: VV035655.D\data.ms

(21) 2-Butanone-d5 (S)

3.847min (+ 0.010) 14.11 ug/L

response 17174

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	60.58#
0.00	0.00	0.00
0.00	0.00	0.00

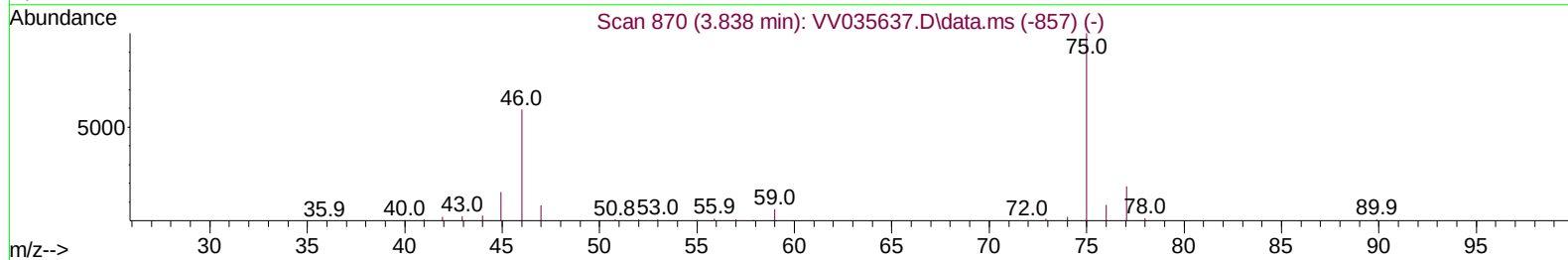
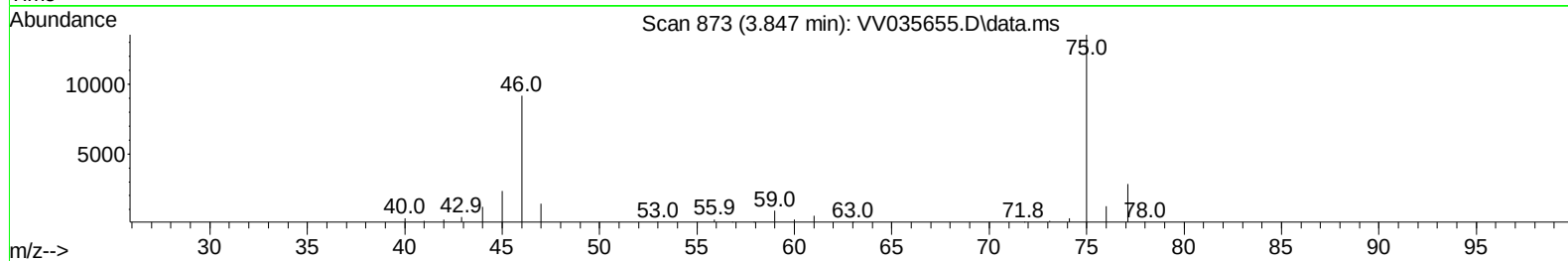
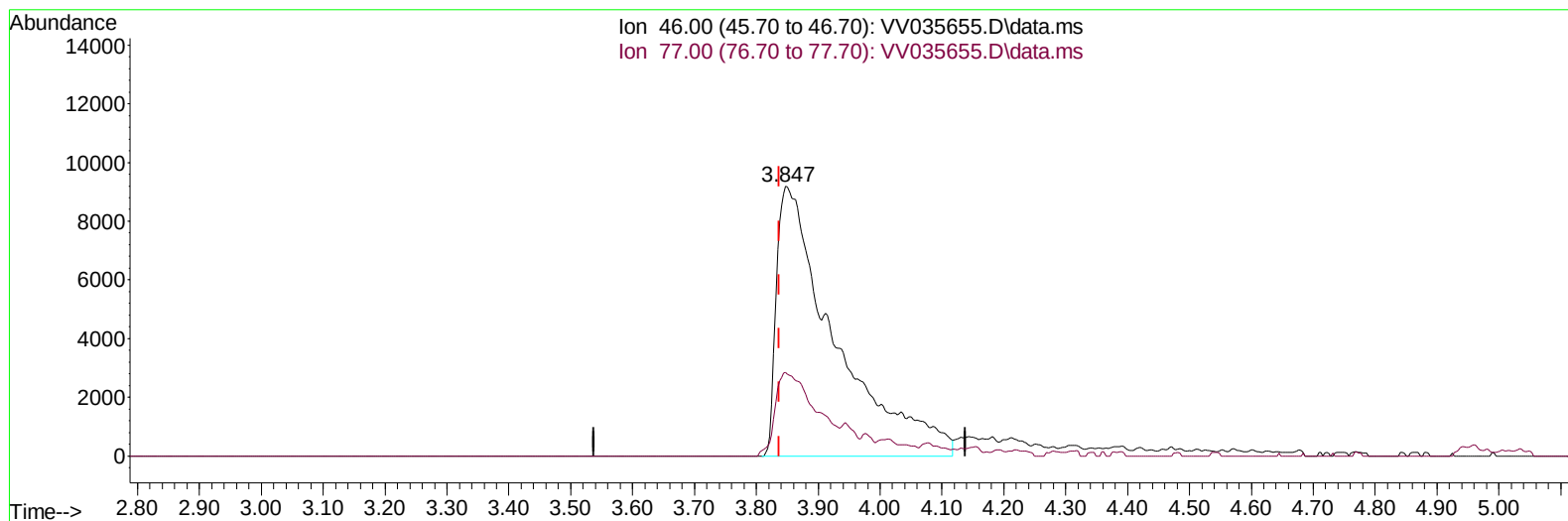
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TIC: VV035655.D\data.ms

(21) 2-Butanone-d5 (S)

3.847min (+ 0.010) 49.56 ug/L m

response 60337

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	17.24#
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		277541	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117		315469	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152		140741	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.272	65		88920	20.729	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery =	82.920%		
7) Chloroethane-d5	1.526	69		84524	24.424	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery =	97.680%		
11) 1,1-Dichloroethene-d2	2.053	65		43236	22.766	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110		Recovery =	91.080%		
21) 2-Butanone-d5	3.847	46		60337m	49.563	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135		Recovery =	99.120%		
24) Chloroform-d	4.246	84		223732	27.115	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150		Recovery =	108.480%		
26) 1,2-Dichloroethane-d4	4.941	65		116439	28.546	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130		Recovery =	114.200%		
32) Benzene-d6	4.957	84		386993	22.410	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135		Recovery =	89.640%		
36) 1,2-Dichloropropane-d6	5.986	67		136893	25.687	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120		Recovery =	102.760%		
41) Toluene-d8	7.243	98		303401	19.741	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130		Recovery =	78.960%		
43) trans-1,3-Dichloroprop...	7.558	79		46078	20.217	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135		Recovery =	80.880%		
47) 2-Hexanone-d5	8.037	63		30565	31.896	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135		Recovery =	63.800%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84		121701	23.699	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120		Recovery =	94.800%		
66) 1,2-Dichlorobenzene-d4	11.558	152		129927	26.601	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120		Recovery =	106.400%		
Target Compounds							
16) Methylene chloride	2.442	84		76385	11.935	ug/L	Qvalue 95

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

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