

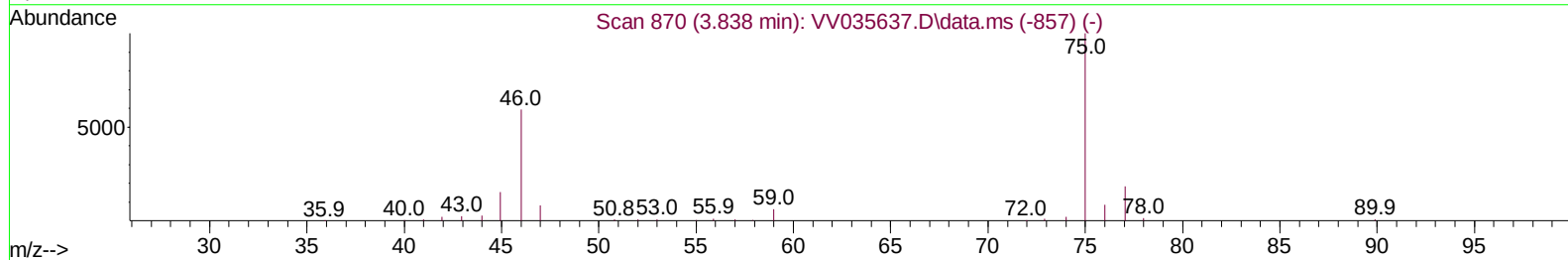
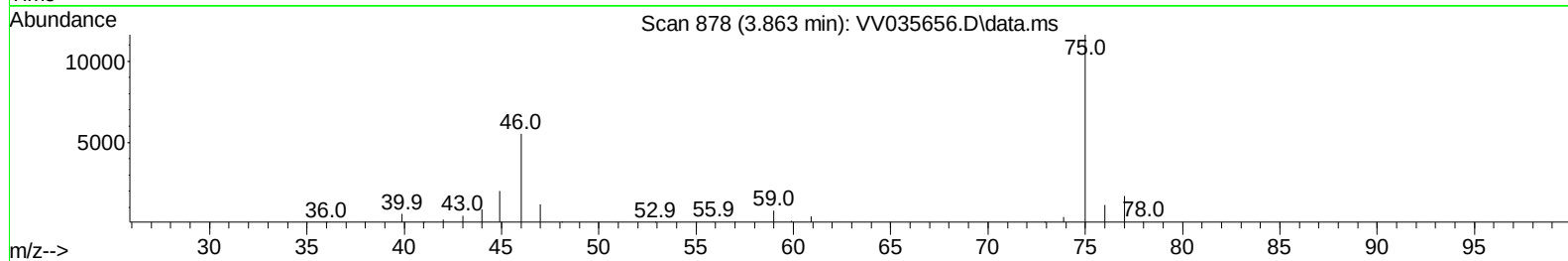
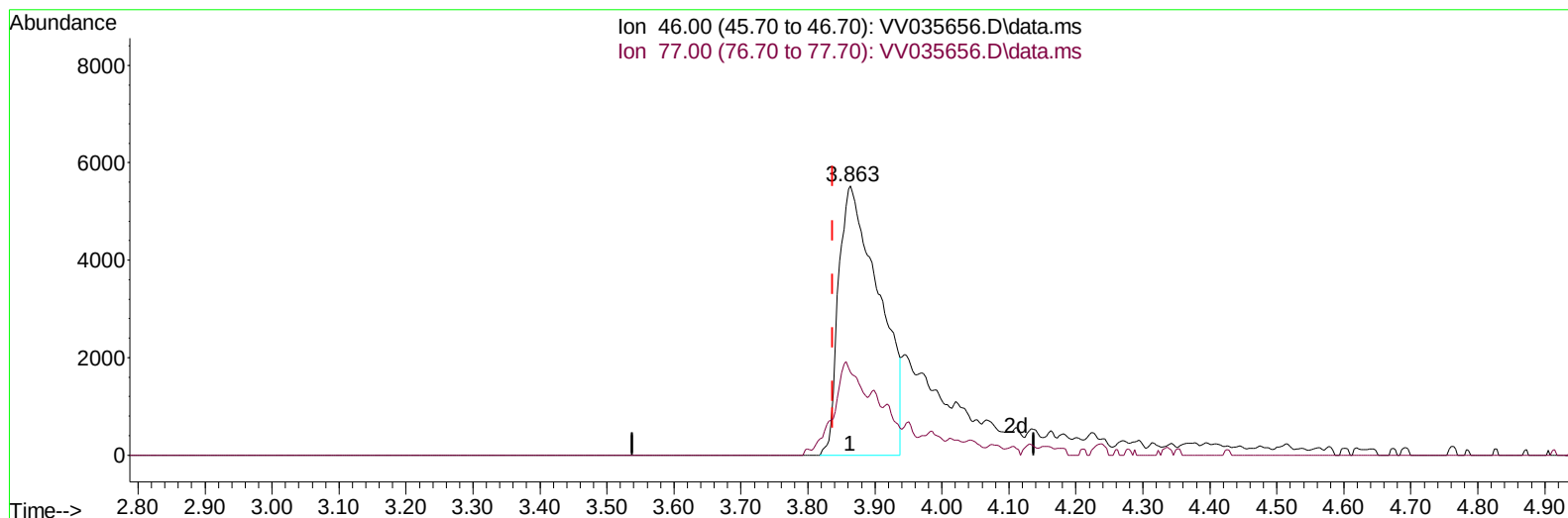
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
Data File : VV035656.D
Acq On : 21 May 2024 22:09
Operator : SY/MD
Sample : P2547-16
Misc : 5.27g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5X3

Manual IntegrationsAPPROVED

Quant Time: May 22 02:40:38 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: VV035656.D\data.ms

(21) 2-Butanone-d5 (S)

3.863min (+ 0.026) 25.35 ug/L

response 23048

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	21.61#
0.00	0.00	0.00
0.00	0.00	0.00

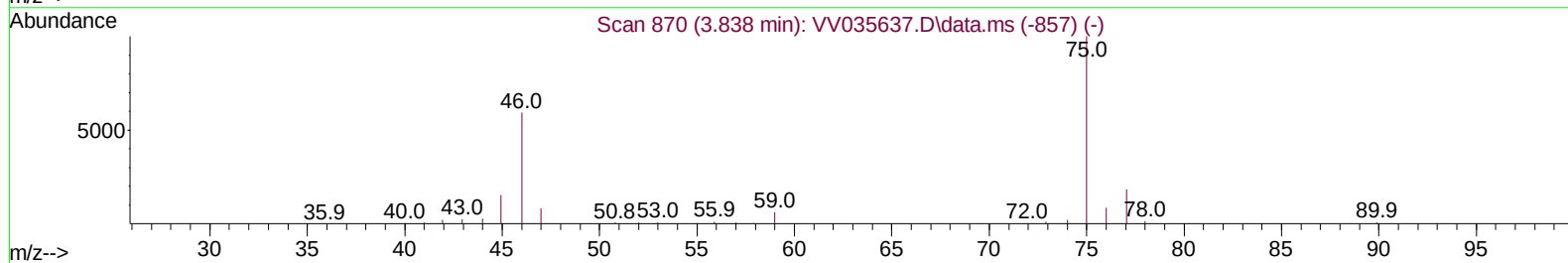
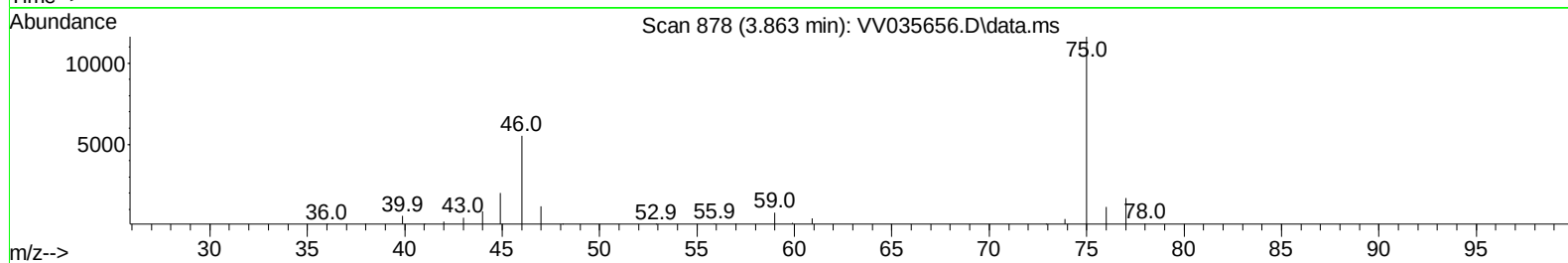
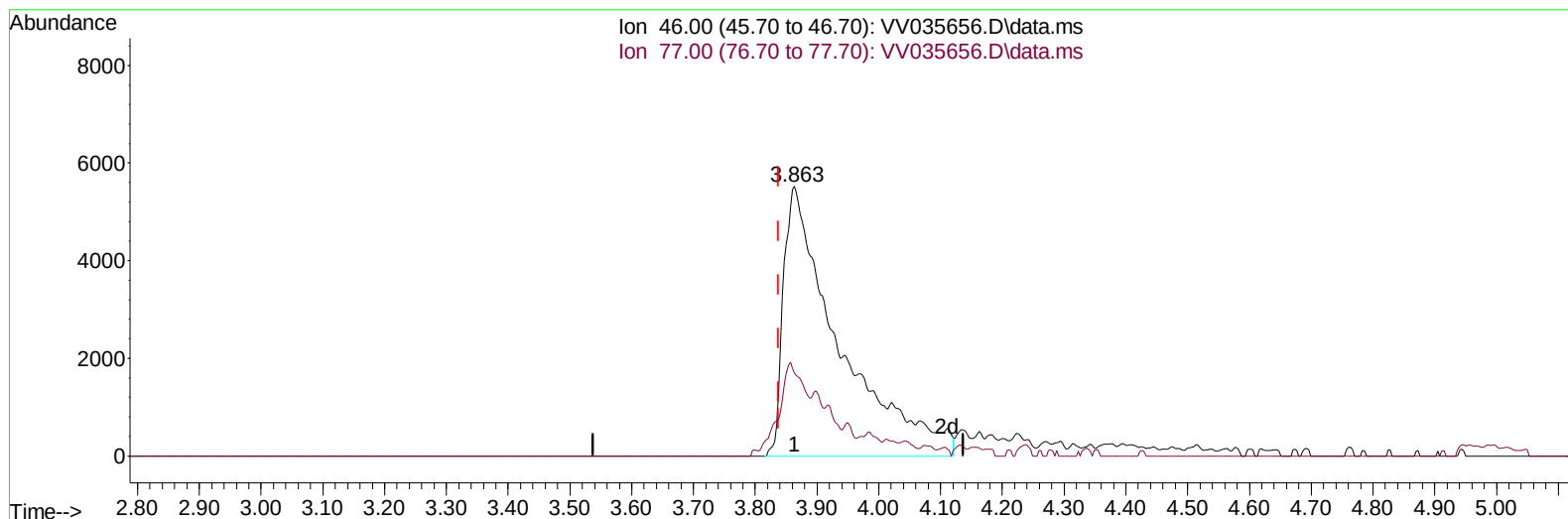
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TIC: VV035656.D\data.ms

(21) 2-Butanone-d5 (S)

3.863min (+ 0.026) 37.68 ug/L m

response 34261

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	14.54
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		207311	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117		168587	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152		44910	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.272	65		85136	26.570	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery	=	106.280%	
7) Chloroethane-d5	1.529	69		83600	32.341	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery	=	129.360%	
11) 1,1-Dichloroethene-d2	2.053	65		37524	26.452	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110		Recovery	=	105.800%	
21) 2-Butanone-d5	3.863	46		34261m	37.677	ug/L	0.03
Spiked Amount 50.000	Range 20	- 135		Recovery	=	75.360%	
24) Chloroform-d	4.246	84		208420	33.817	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150		Recovery	=	135.280%	
26) 1,2-Dichloroethane-d4	4.944	65		109575	35.963	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130		Recovery	=	143.840%#	
32) Benzene-d6	4.957	84		317849	34.442	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135		Recovery	=	137.760%#	
36) 1,2-Dichloropropane-d6	5.989	67		127177	44.656	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120		Recovery	=	178.640%#	
41) Toluene-d8	7.243	98		202703	24.680	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130		Recovery	=	98.720%	
43) trans-1,3-Dichloroprop...	7.561	79		27042	22.202	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135		Recovery	=	88.800%	
47) 2-Hexanone-d5	8.043	63		13603	26.563	ug/L	0.01
Spiked Amount 50.000	Range 20	- 135		Recovery	=	53.120%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84		98332	35.831	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120		Recovery	=	143.320%#	
66) 1,2-Dichlorobenzene-d4	11.561	152		44985	28.863	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120		Recovery	=	115.440%	
Target Compounds							
16) Methylene chloride	2.442	84		67753	14.173	ug/L	Qvalue 96

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

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