

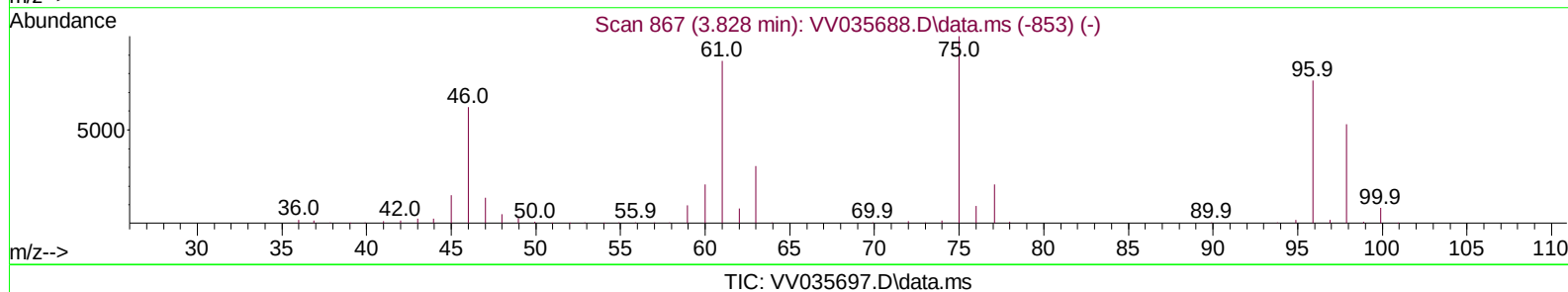
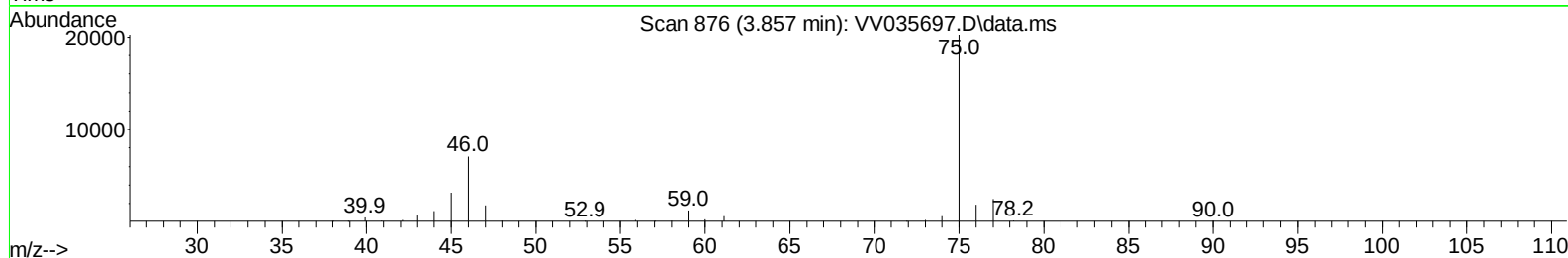
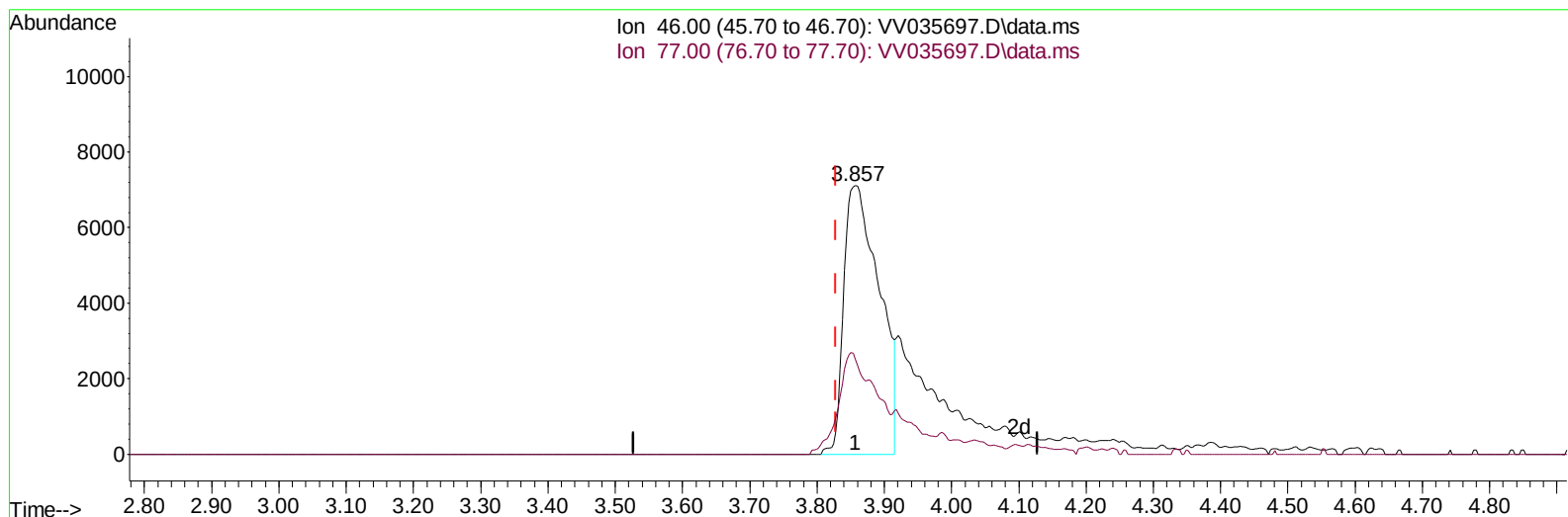
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035697.D
Acq On : 23 May 2024 12:38
Operator : SY/MD
Sample : P2568-07
Misc : 6.04g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5Q8

Manual IntegrationsAPPROVED

Quant Time: May 24 01:47:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 01:44:38 2024
Response via : Initial Calibration

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



(21) 2-Butanone-d5 (S)

3.857min (+ 0.029) 13.57 ug/L

response 26132

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	23.69#
0.00	0.00	0.00
0.00	0.00	0.00

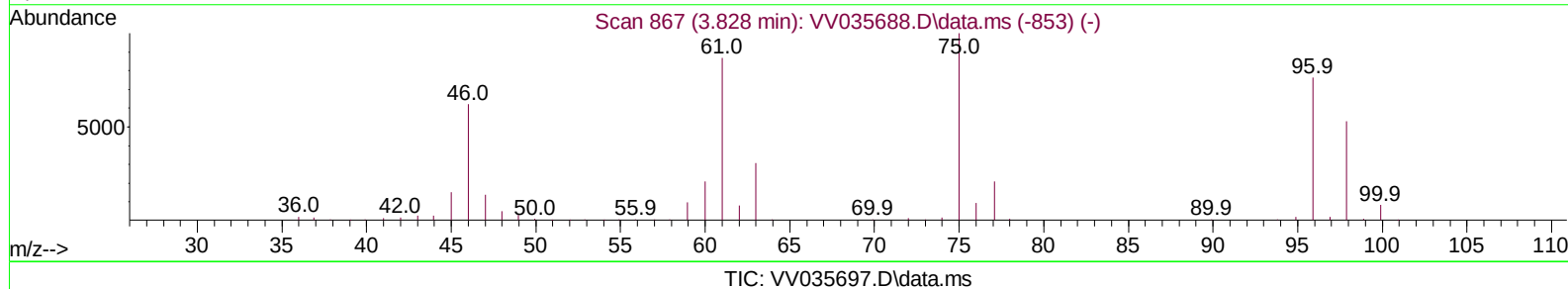
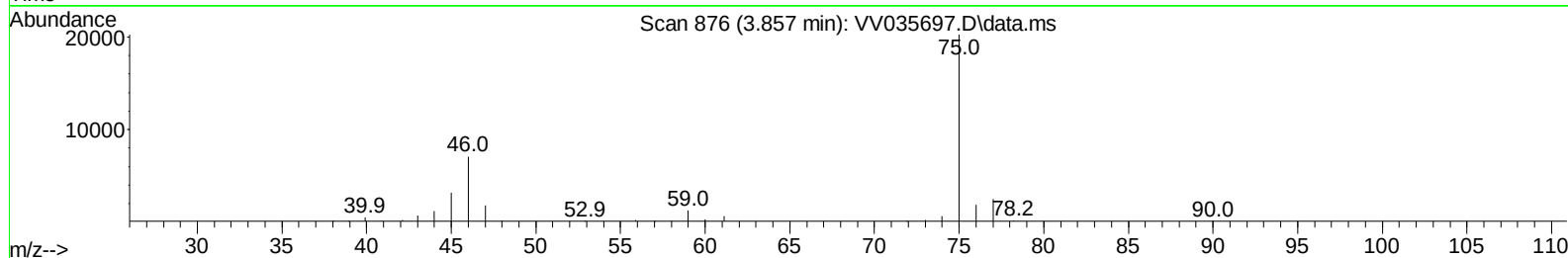
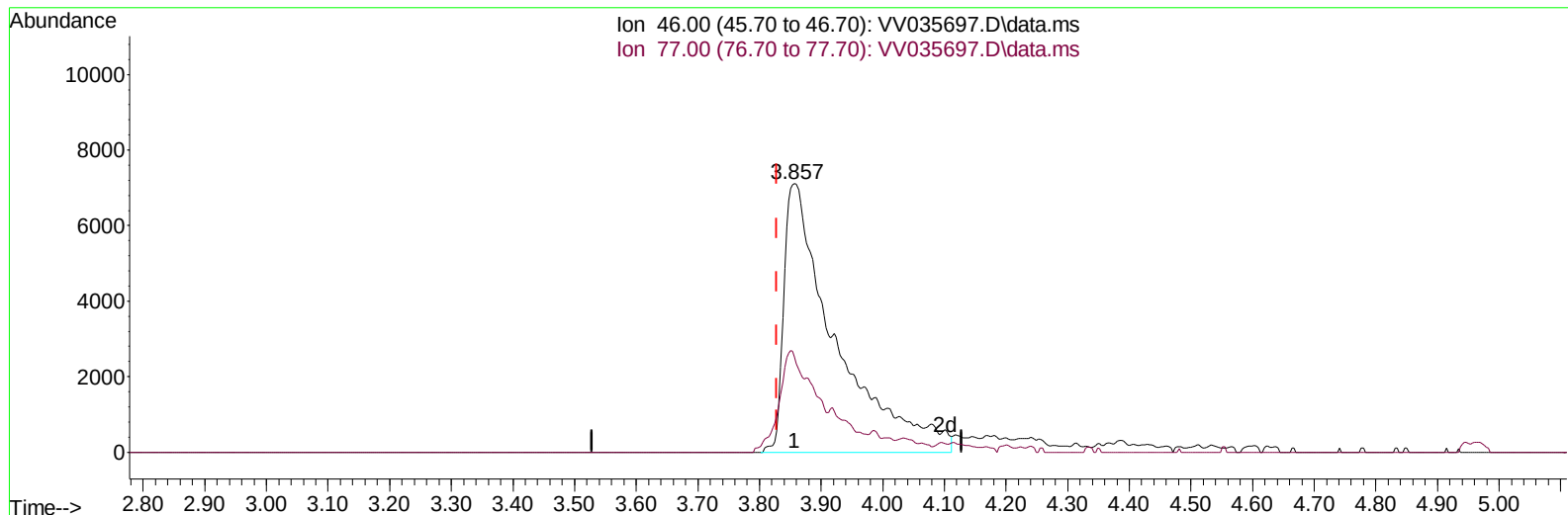
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(21) 2-Butanone-d5 (S)

3.857min (+ 0.029) 21.42 ug/L m

response 41250

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	15.01
0.00	0.00	0.00
0.00	0.00	0.00

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Instrument :
 MSVOA_V
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Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Difluorobenzene	5.532	114		438968	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117		390050	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152		132602	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.275	65		78350	11.548	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery =	46.200%		
7) Chloroethane-d5	1.529	69		80990	14.797	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery =	59.200%		
11) 1,1-Dichloroethene-d2	2.053	65		36353	12.103	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110		Recovery =	48.400%		
21) 2-Butanone-d5	3.857	46		41250m	21.423	ug/L	0.03
Spiked Amount 50.000	Range 20	- 135		Recovery =	42.840%		
24) Chloroform-d	4.246	84		222261	17.031	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150		Recovery =	68.120%		
26) 1,2-Dichloroethane-d4	4.944	65		123588	19.156	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130		Recovery =	76.640%		
32) Benzene-d6	4.957	84		343712	16.098	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135		Recovery =	64.400%		
36) 1,2-Dichloropropane-d6	5.989	67		136756	20.755	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120		Recovery =	83.000%		
41) Toluene-d8	7.243	98		238298	12.540	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130		Recovery =	50.160%		
43) trans-1,3-Dichloroprop...	7.561	79		31446	11.159	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135		Recovery =	44.640%		
47) 2-Hexanone-d5	8.043	63		15741	13.285	ug/L	0.02
Spiked Amount 50.000	Range 20	- 135		Recovery =	26.580%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84		123087	19.386	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120		Recovery =	77.560%		
66) 1,2-Dichlorobenzene-d4	11.561	152		73998	16.080	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120		Recovery =	64.320%#		
Target Compounds							
16) Methylene chloride	2.445	84		56704	5.602	ug/L	Qvalue 96

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

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