

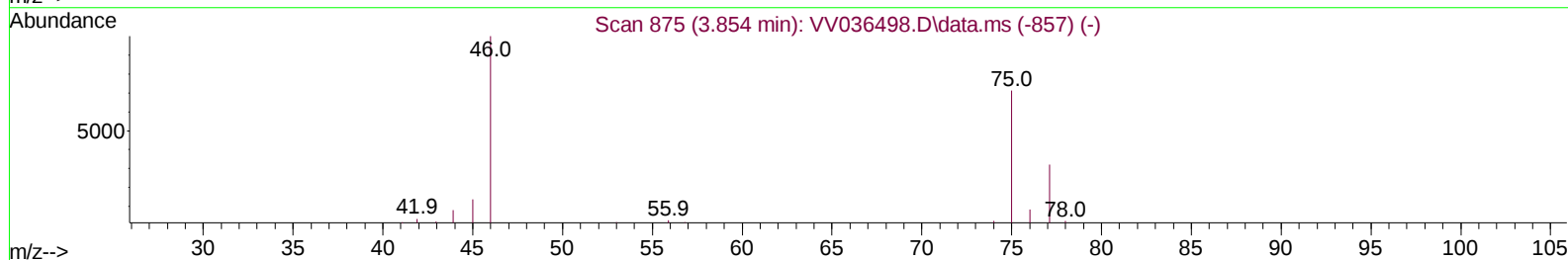
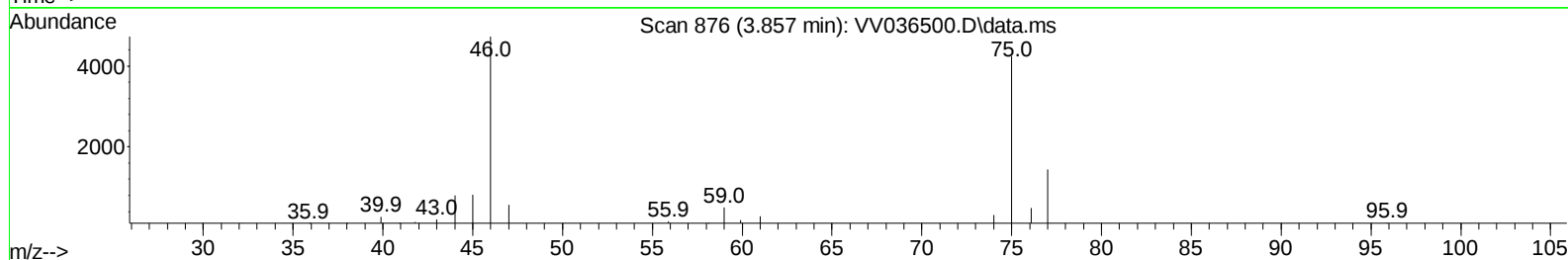
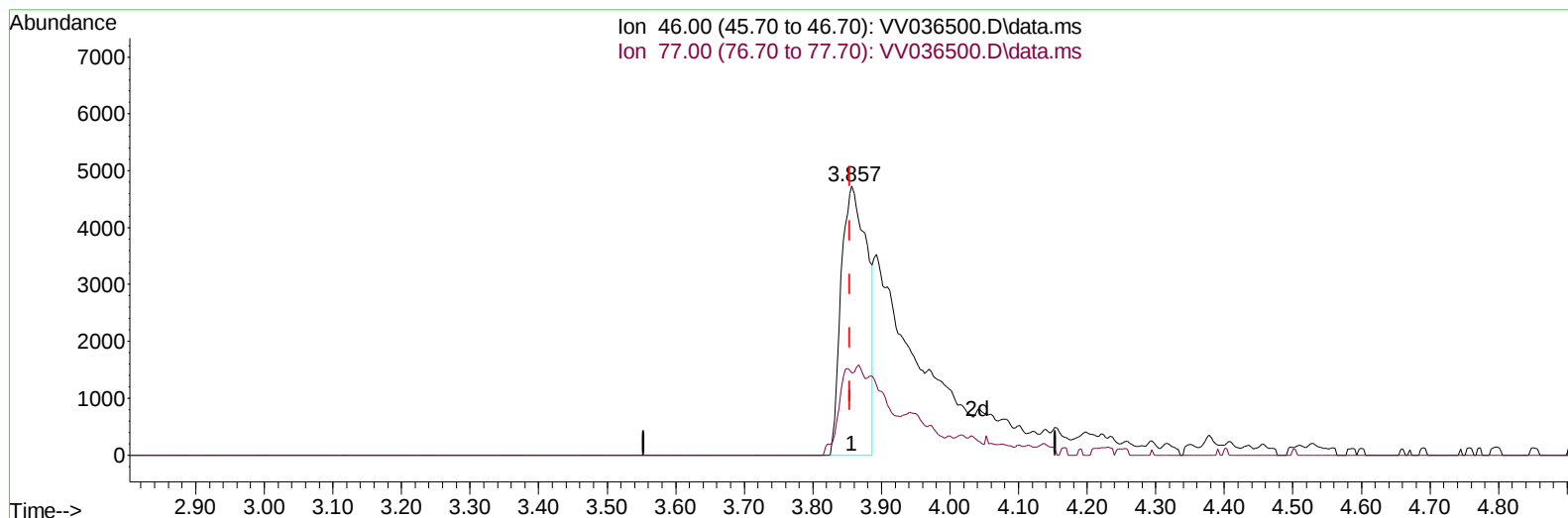
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036500.D
Acq On : 12 Jul 2024 12:00
Operator : SY/MD
Sample : VIBLK316
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK344

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 07/16/2024
Supervised By :Semsettin Yesilyurt 07/16/2024

Quant Time: Jul 13 04:08:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 04:06:53 2024
Response via : Initial Calibration



TIC: VV036500.D\data.ms

(21) 2-Butanone-d5 (S)

3.857min (+ 0.003) 16.51 ug/L

response 12402

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.40	13.46
0.00	0.00	0.00
0.00	0.00	0.00

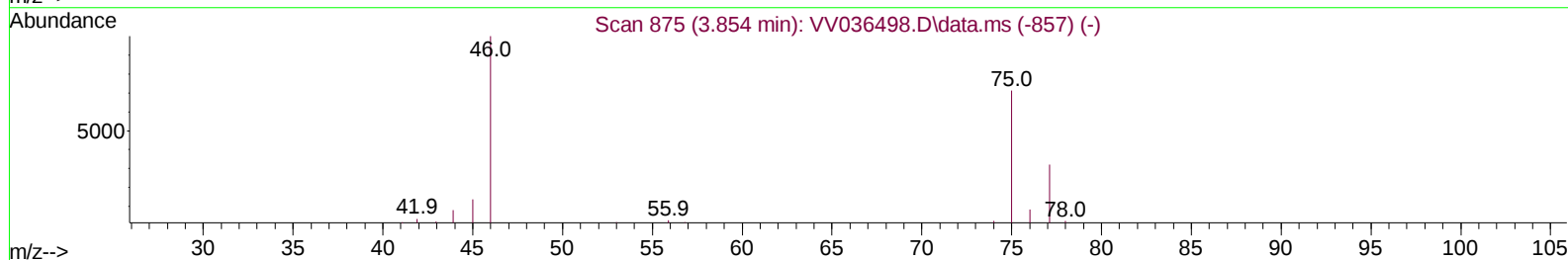
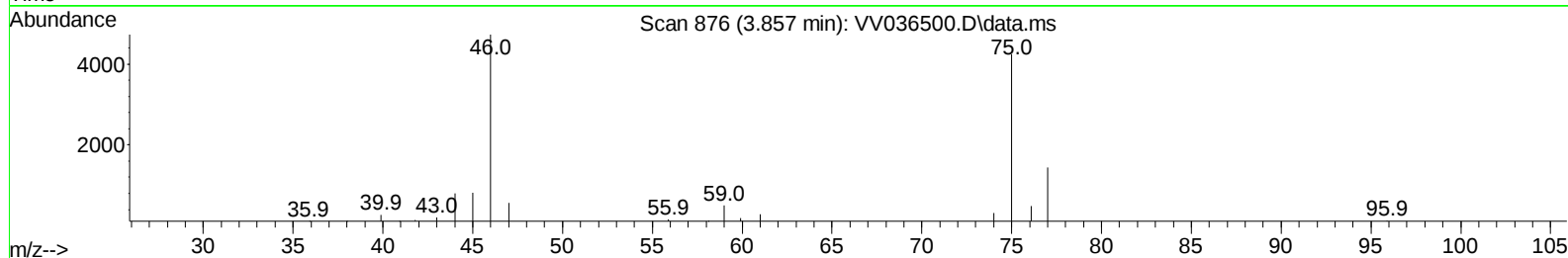
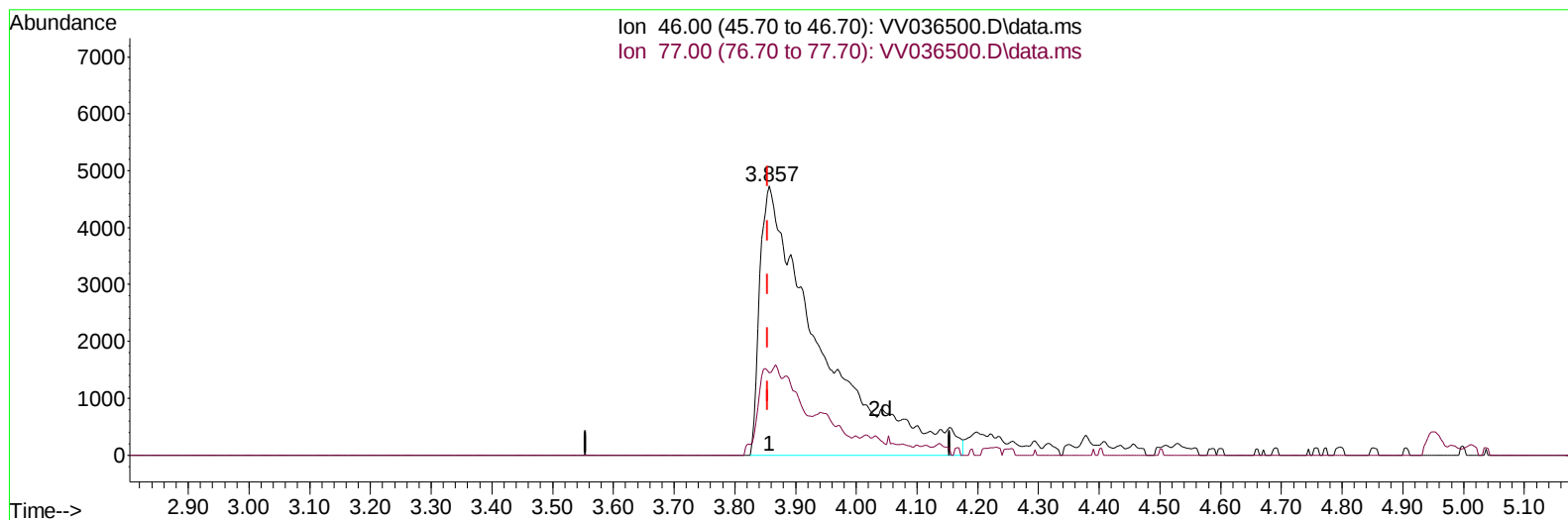
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TIC: VV036500.D\data.ms

(21) 2-Butanone-d5 (S)

3.857min (+ 0.003) 42.87 ug/L m

response 32205

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.40	5.18#
0.00	0.00	0.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Quant Time: Jul 13 04:08:29 2024
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 QLast Update : Sat Jul 13 04:06:53 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Difluorobenzene	5.529	114		306344	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117		314710	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152		138633	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.272	65		109605	24.973	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery =	99.880%		
7) Chloroethane-d5	1.526	69		94009	24.499	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery =	98.000%		
11) 1,1-Dichloroethene-d2	2.050	65		54723	24.281	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110		Recovery =	97.120%		
21) 2-Butanone-d5	3.857	46		32205m	42.872	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135		Recovery =	85.740%		
24) Chloroform-d	4.243	84		206224	23.127	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150		Recovery =	92.520%		
26) 1,2-Dichloroethane-d4	4.937	65		103843	23.480	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130		Recovery =	93.920%		
32) Benzene-d6	4.953	84		387414	24.675	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135		Recovery =	98.720%		
36) 1,2-Dichloropropane-d6	5.986	67		113851	24.332	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120		Recovery =	97.320%		
41) Toluene-d8	7.239	98		341426	23.568	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130		Recovery =	94.280%		
43) trans-1,3-Dichloroprop...	7.551	79		43207	22.210	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135		Recovery =	88.840%		
47) 2-Hexanone-d5	8.034	63		18096	34.821	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135		Recovery =	69.640%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84		86636	21.984	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120		Recovery =	87.920%		
66) 1,2-Dichlorobenzene-d4	11.558	152		129816	27.593	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120		Recovery =	110.360%		
Target Compounds							
16) Methylene chloride	2.442	84		25153	3.994	ug/L	95
64) 1,3-Dichlorobenzene	11.124	146		9633	1.177	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146		9318	1.060	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146		4896	0.622	ug/L #	87
70) 1,2,4-trichlorobenzene	13.201	180		4793	0.951	ug/L	99

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

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