Quantitation Report (Qedit)

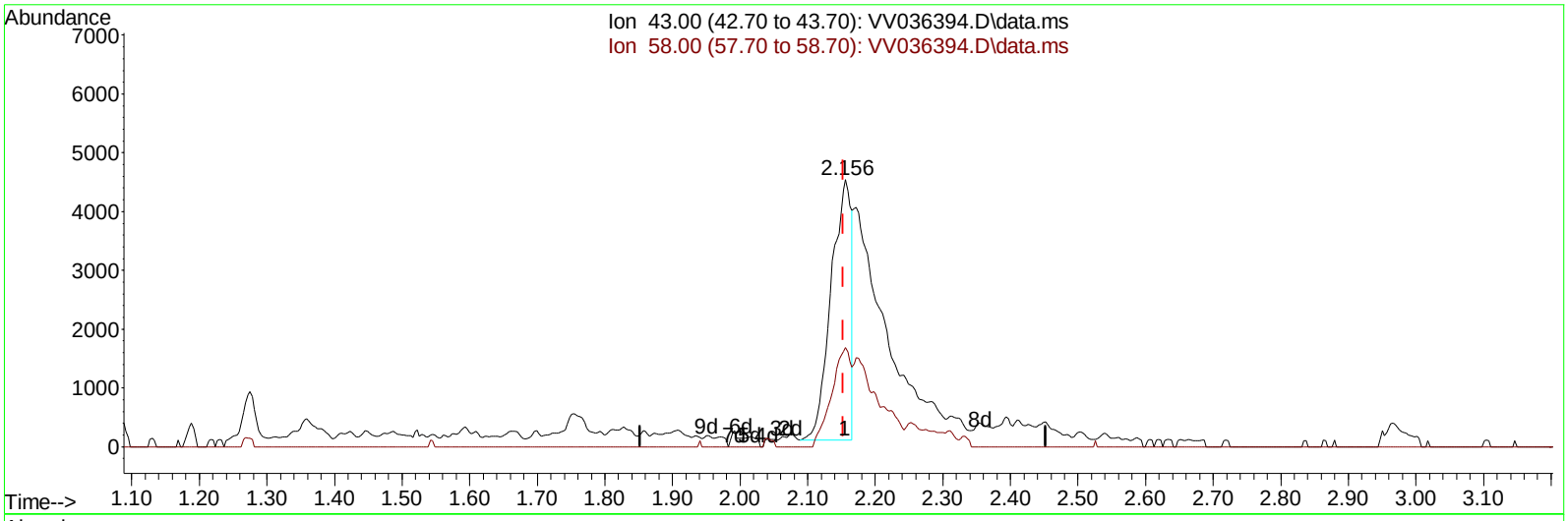
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
Data File : VV036394.D
Acq On : 01 Jul 2024 23:29
Operator : SY/MD
Sample : P3087-13
Misc : 5.50g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 38 Sample Multiplier: 1

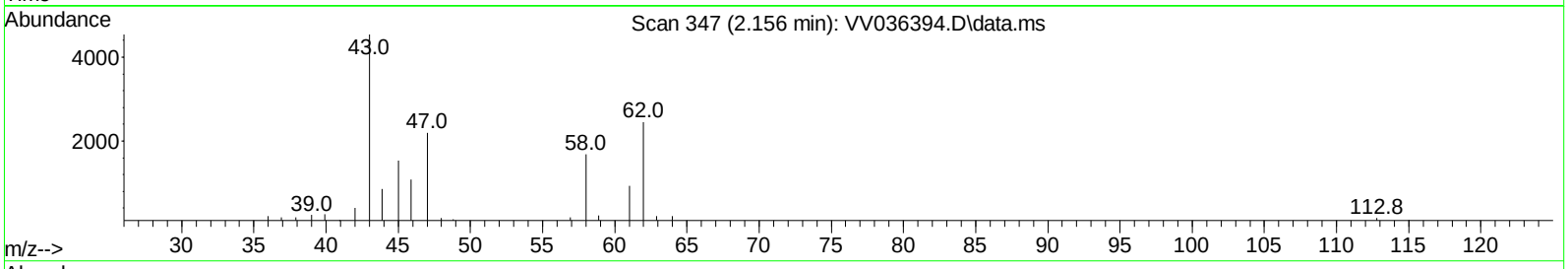
Quant Time: Jul 02 05:26:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 05:19:46 2024
Response via : Initial Calibration

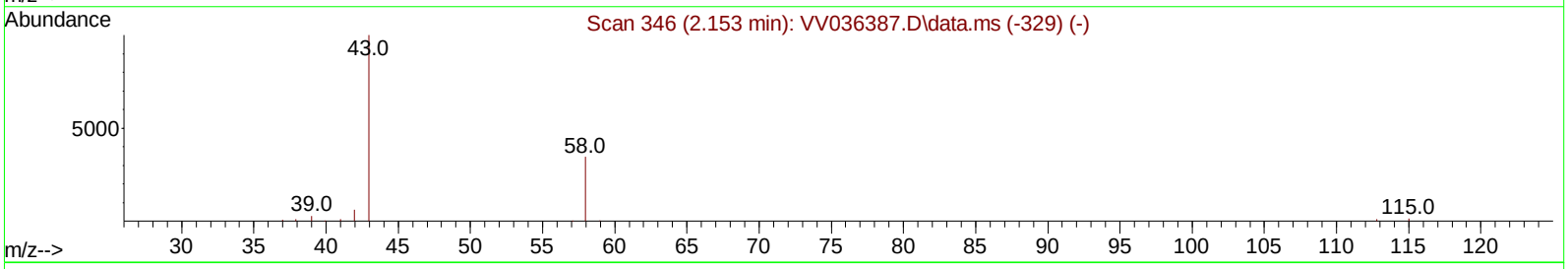
Instrument :
MSVOA_V
ClientSampleId :
A4BP1

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 07/05/2024
Supervised By :Semsettin Yesilyurt 07/05/2024







TIC: VV036394.D\data.ms

(13) Acetone (T)

2.156min (+ 0.003) 5.80 ug/L

response 9222

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	0.30	36.75#
0.00	0.00	0.00
0.00	0.00	0.00

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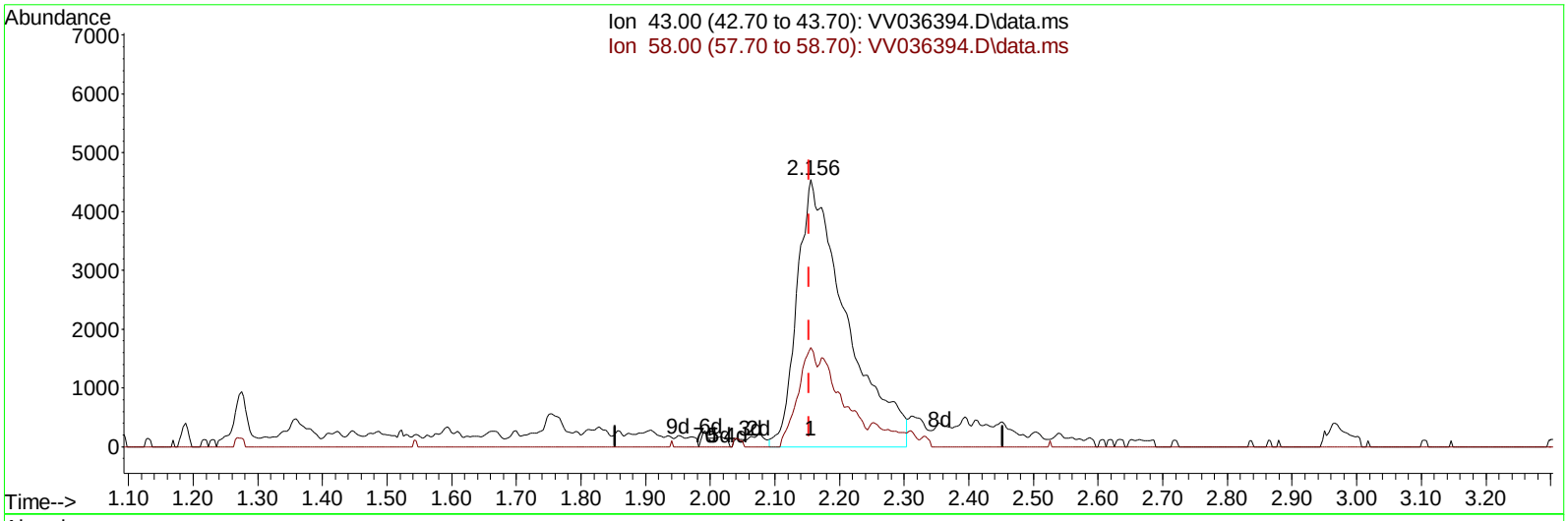

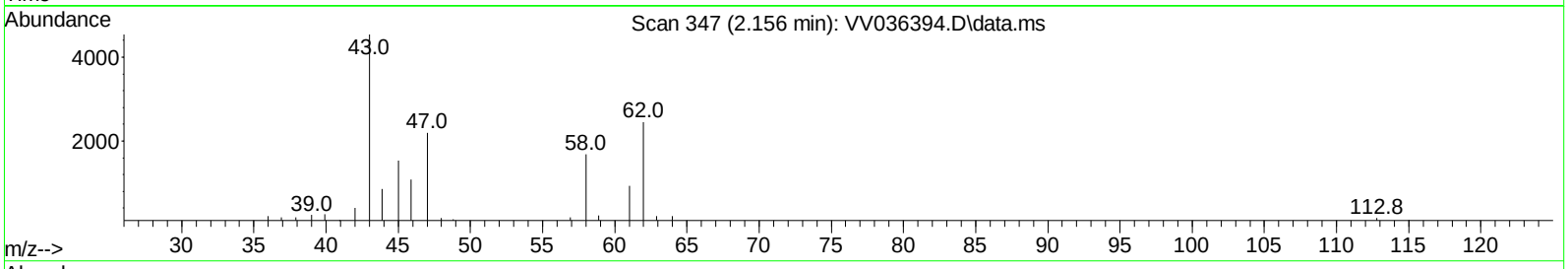

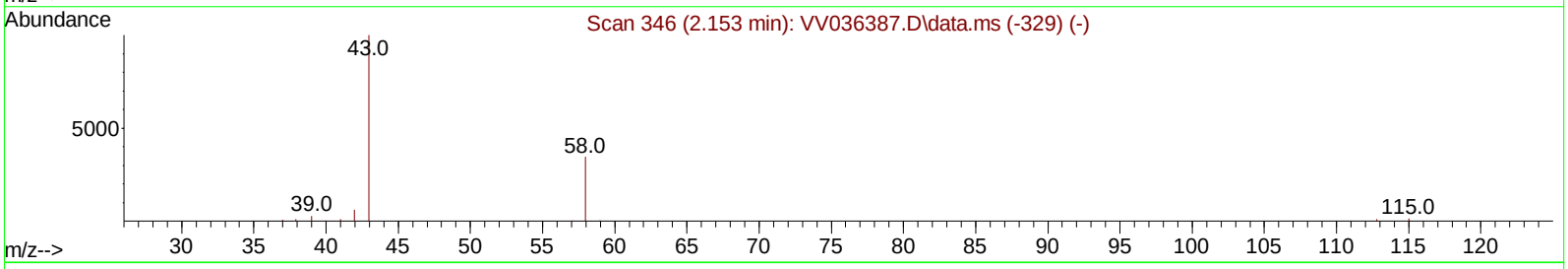

TIC: VV036394.D\data.ms

(13) Acetone (T)

2.156min (+ 0.003) 15.08 ug/L m

response 23993

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	0.30	14.12#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 38 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 05:19:46 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
A4BP1

Manual IntegrationsAPPROVED

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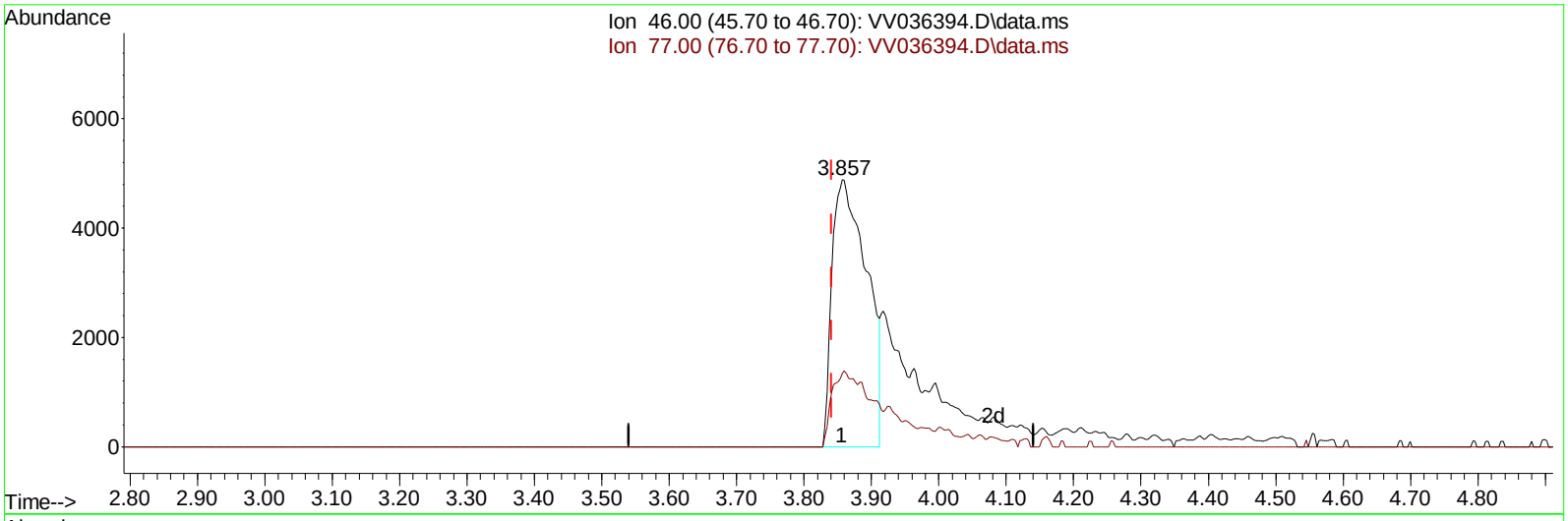

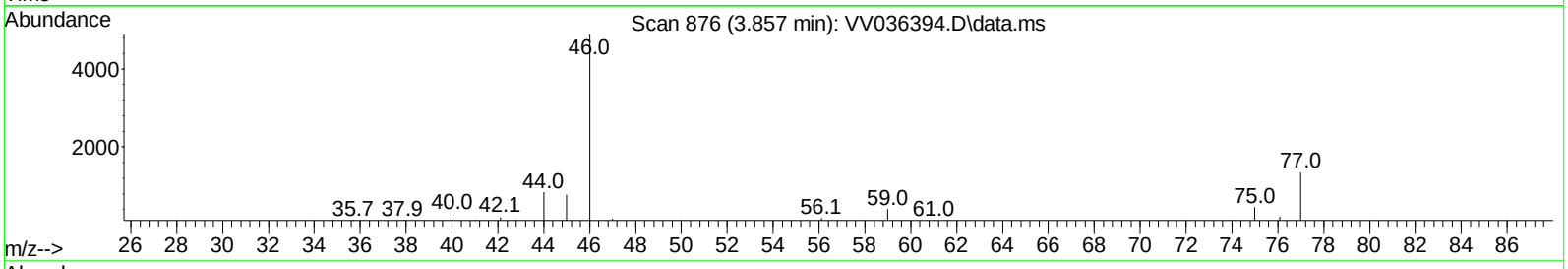

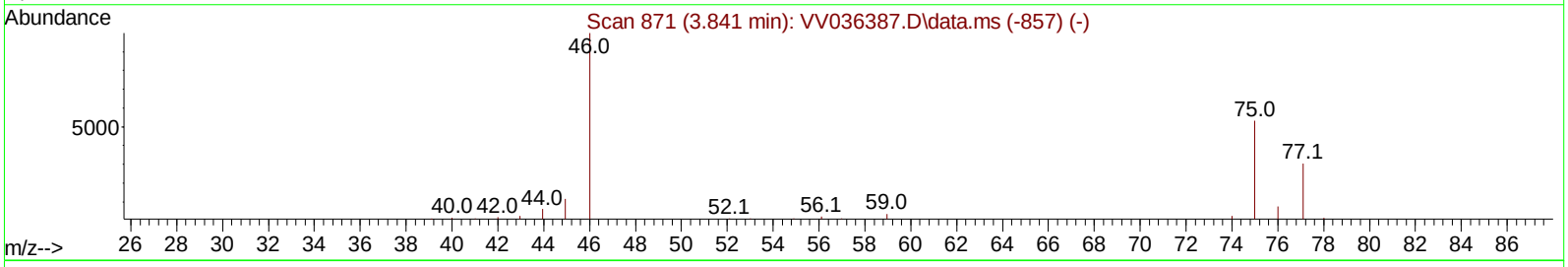

TIC: VV036394.D\data.ms

(21) 2-Butanone-d5 (S)

3.857min (+ 0.016) 14.74 ug/L

response 17355

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	34.00	15.07#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 38 Sample Multiplier: 1

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Quant Title : VOC Analysis
QLast Update : Tue Jul 02 05:19:46 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
A4BP1

Manual IntegrationsAPPROVED

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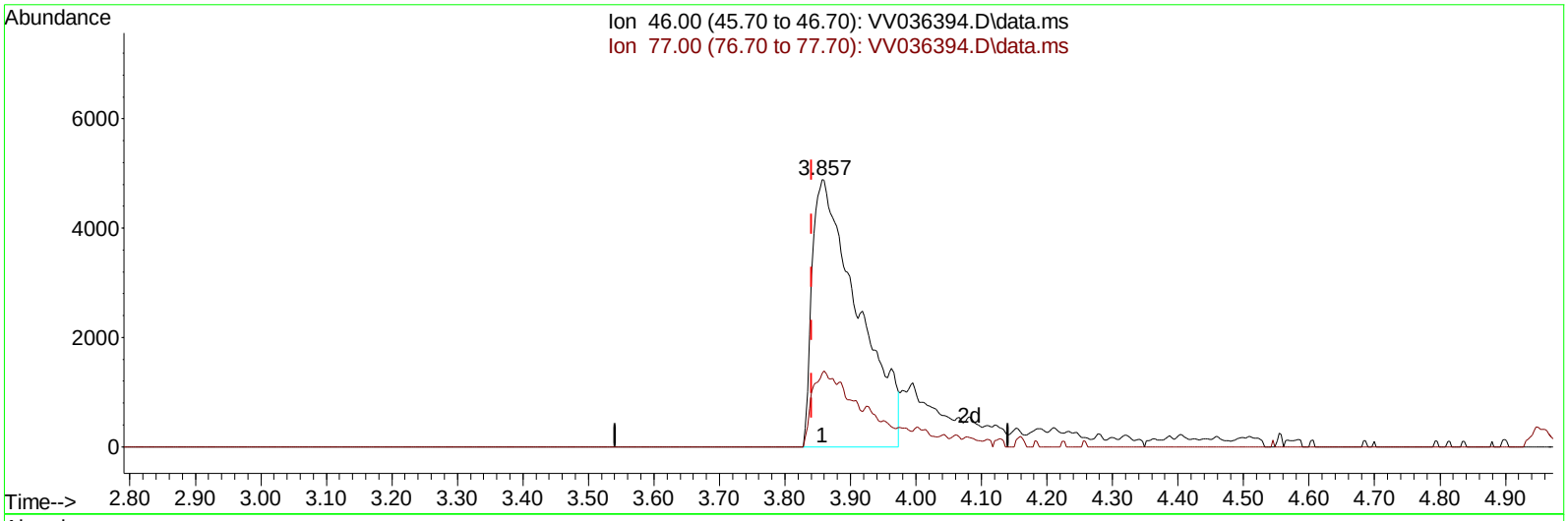

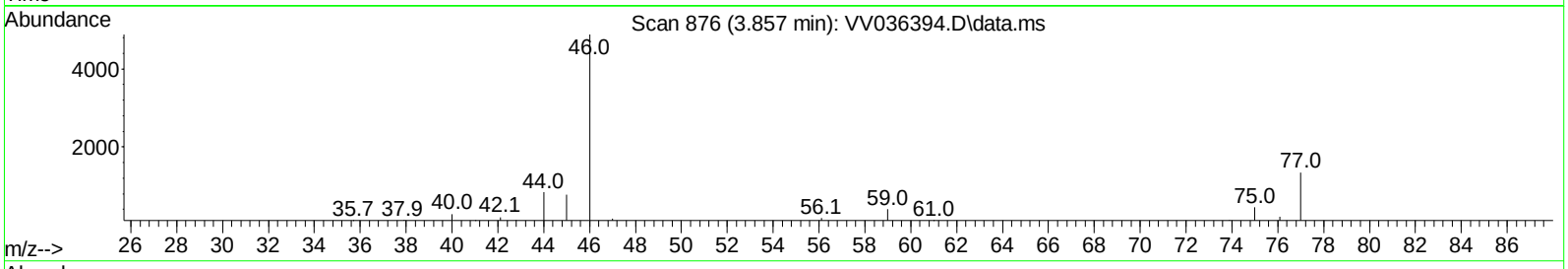

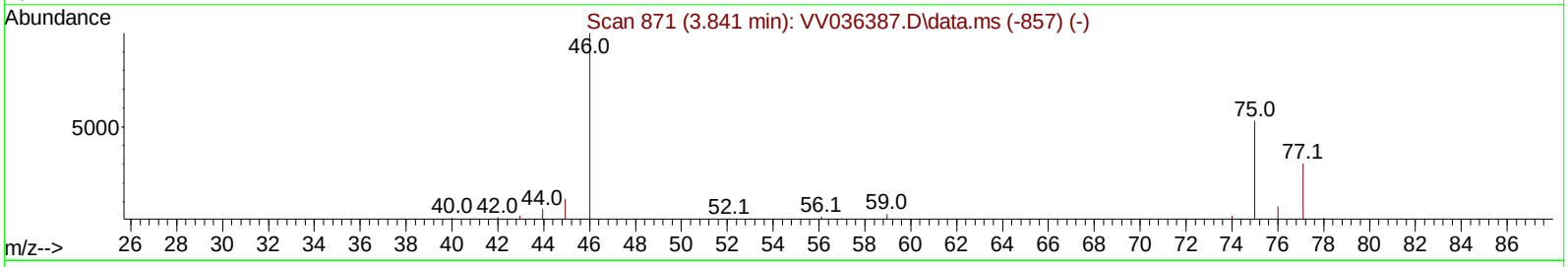

TIC: VV036394.D\data.ms

(21) 2-Butanone-d5 (S)

3.857min (+ 0.016) 19.99 ug/L m

response 23543

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	34.00	11.11#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument :
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ClientSampleId :
A4BP1

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 07/05/2024
Supervised By :Semsettin Yesilyurt 07/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	298747	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	193721	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	30709	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	100774	19.862	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.440%			
7) Chloroethane-d5	1.526	69	94634	23.352	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.400%			
11) 1,1-Dichloroethene-d2	2.050	65	44441	18.633	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.520%			
21) 2-Butanone-d5	3.857	46	23543m	19.993	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 39.980%			
24) Chloroform-d	4.243	84	193614	21.956	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.840%			
26) 1,2-Dichloroethane-d4	4.937	65	110013	23.394	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.560%			
32) Benzene-d6	4.956	84	336458	30.767	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 123.080%			
36) 1,2-Dichloropropane-d6	5.985	67	112620	34.238	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 136.960%#			
41) Toluene-d8	7.243	98	205622	20.855	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.400%			
43) trans-1,3-Dichloroprop...	7.558	79	27837	18.951	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.800%			
47) 2-Hexanone-d5	8.037	63	12479	23.767	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 47.540%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	64570	23.948	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.800%			
66) 1,2-Dichlorobenzene-d4	11.561	152	21005	18.770	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 75.080%			
Target Compounds						Qvalue
13) Acetone	2.156	43	23993m	15.082	ug/L	

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

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