Quantitation Report (Qedit)

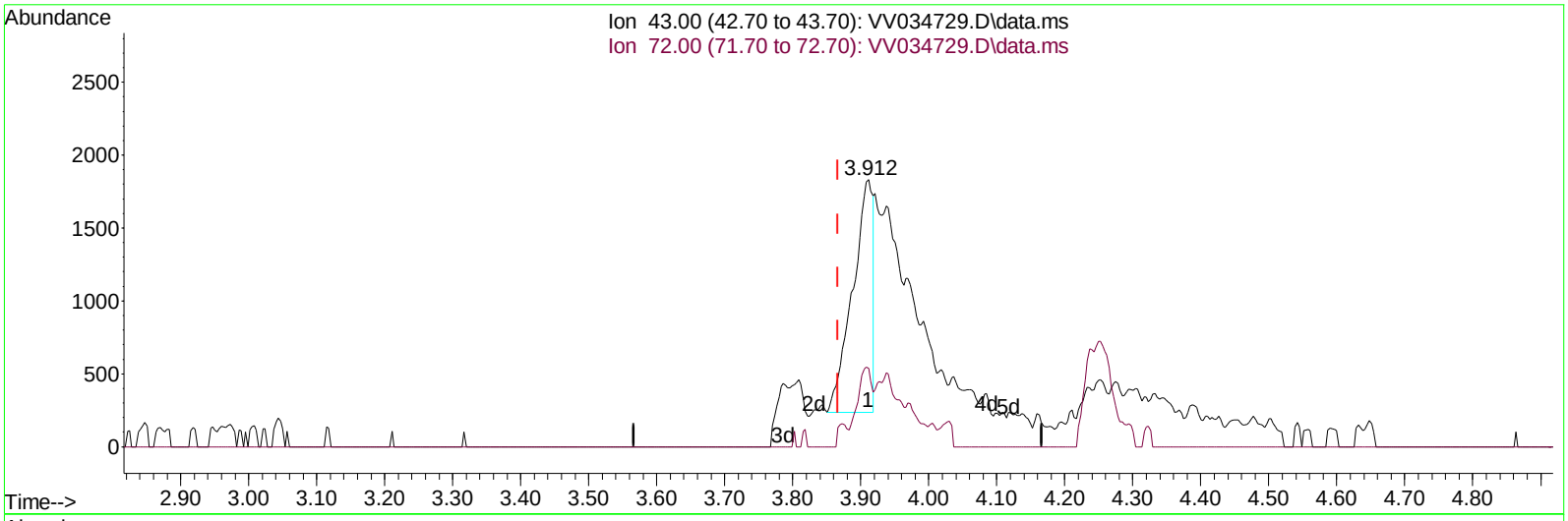
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
Data File : VV034729.D
Acq On : 19 Mar 2024 12:48
Operator : SY/MD
Sample : P1751-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

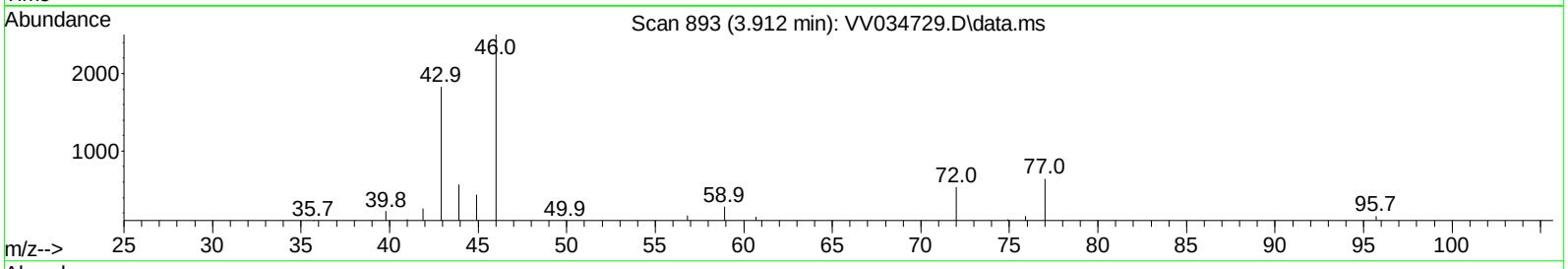
Quant Time: Mar 20 01:22:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 20 01:19:21 2024
Response via : Initial Calibration

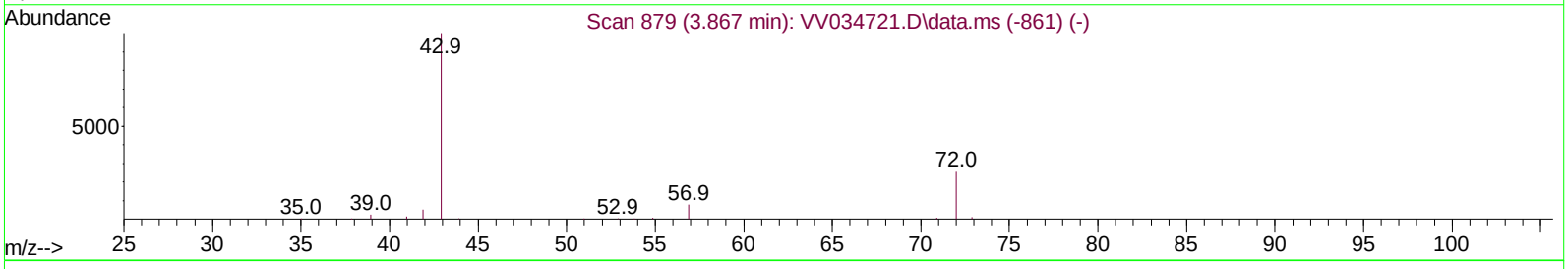
Instrument :
MSVOA_V
ClientSampleId :
YCL19

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 03/20/2024
Supervised By :Semsettin Yesilyurt 03/20/2024







TIC: VV034729.D\data.ms

(22) 2-Butanone (T)

3.912min (+ 0.045) 1.36 ug/L

response 3298

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	22.90	17.62
0.00	0.00	0.00
0.00	0.00	0.00

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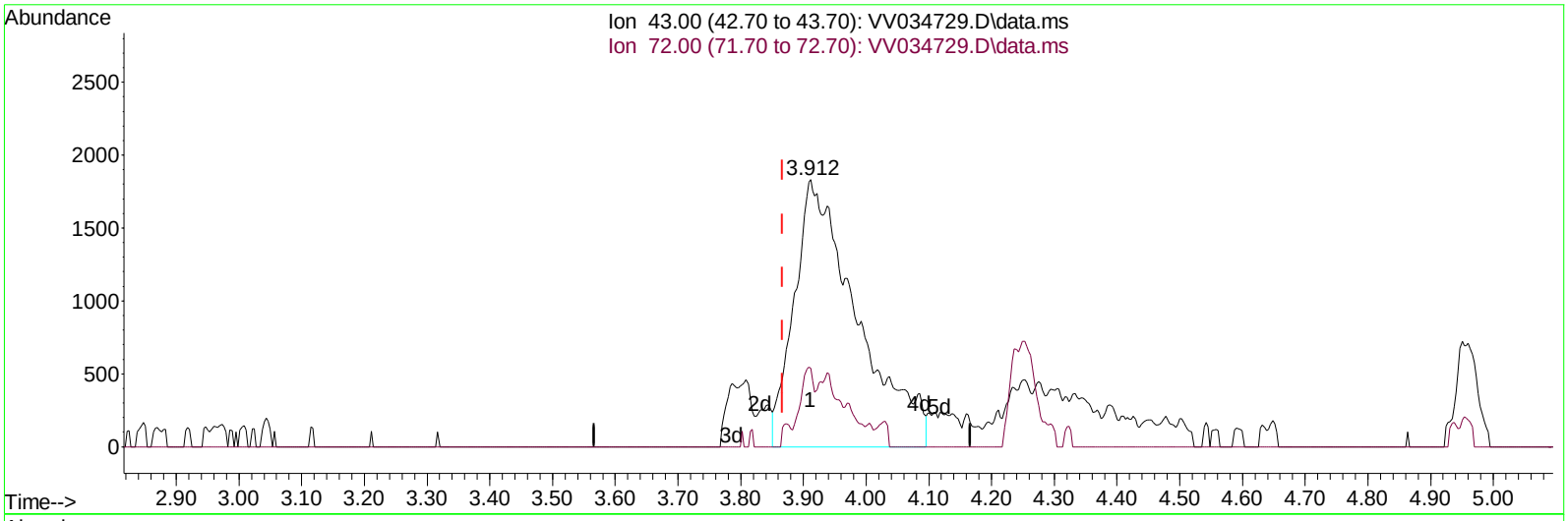

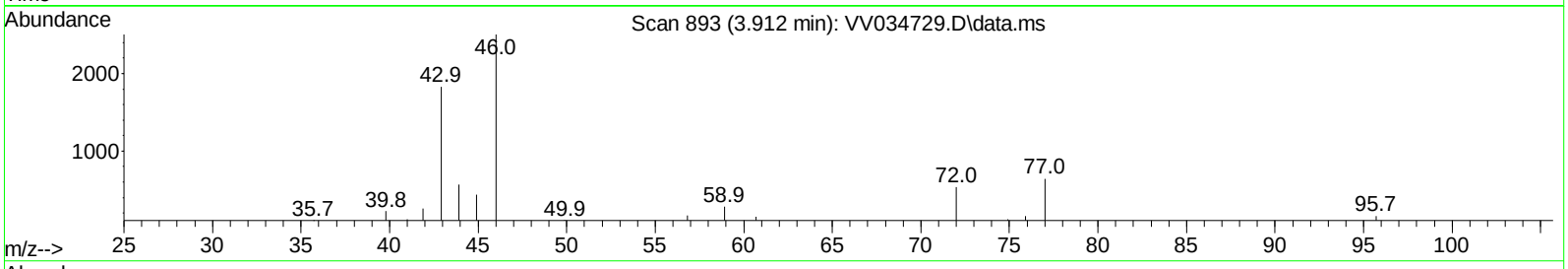

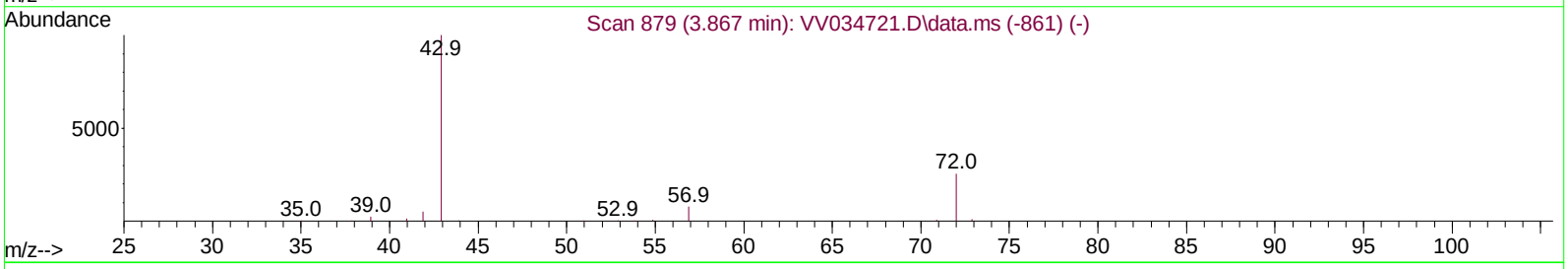

TIC: VV034729.D\data.ms

(22) 2-Butanone (T)

3.912min (+ 0.045) 5.21 ug/L m

response 12658

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	22.90	4.59#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	353303	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	322961	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	152866	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	145369	47.463	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.920%			
7) Chloroethane-d5	1.532	69	116885	48.986	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.980%			
11) 1,1-Dichloroethene-d2	2.060	65	65641	47.390	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.780%			
21) 2-Butanone-d5	3.790	46	194068	94.751	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.750%			
24) Chloroform-d	4.246	84	258308	47.700	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.400%			
26) 1,2-Dichloroethane-d4	4.941	65	175574	49.614	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.220%			
32) Benzene-d6	4.957	84	513259	52.658	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.320%			
36) 1,2-Dichloropropane-d6	5.986	67	153284	51.531	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.060%			
41) Toluene-d8	7.243	98	436180	49.450	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.900%			
43) trans-1,3-Dichloroprop...	7.551	79	73081	48.924	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.840%			
47) 2-Hexanone-d5	8.024	63	112774	75.922	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 75.920%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	191974	49.041	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.080%			
66) 1,2-Dichlorobenzene-d4	11.558	152	162422	51.981	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.960%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	4891	1.384	ug/L #	40
12) 1,1-Dichloroethene	2.069	96	74736	28.250	ug/L #	67
13) Acetone	2.121	43	339851	138.024	ug/L	99
19) 1,1-Dichloroethane	3.114	63	16381	3.266	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	22884	8.237	ug/L	90
22) 2-Butanone	3.912	43	12658m	5.206	ug/L	
30) 1,1,1-Trichloroethane	4.513	97	15354	3.315	ug/L #	72
34) Trichloroethene	5.838	95	24514	8.603	ug/L	98

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

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