Quantitation Report (Qedit)

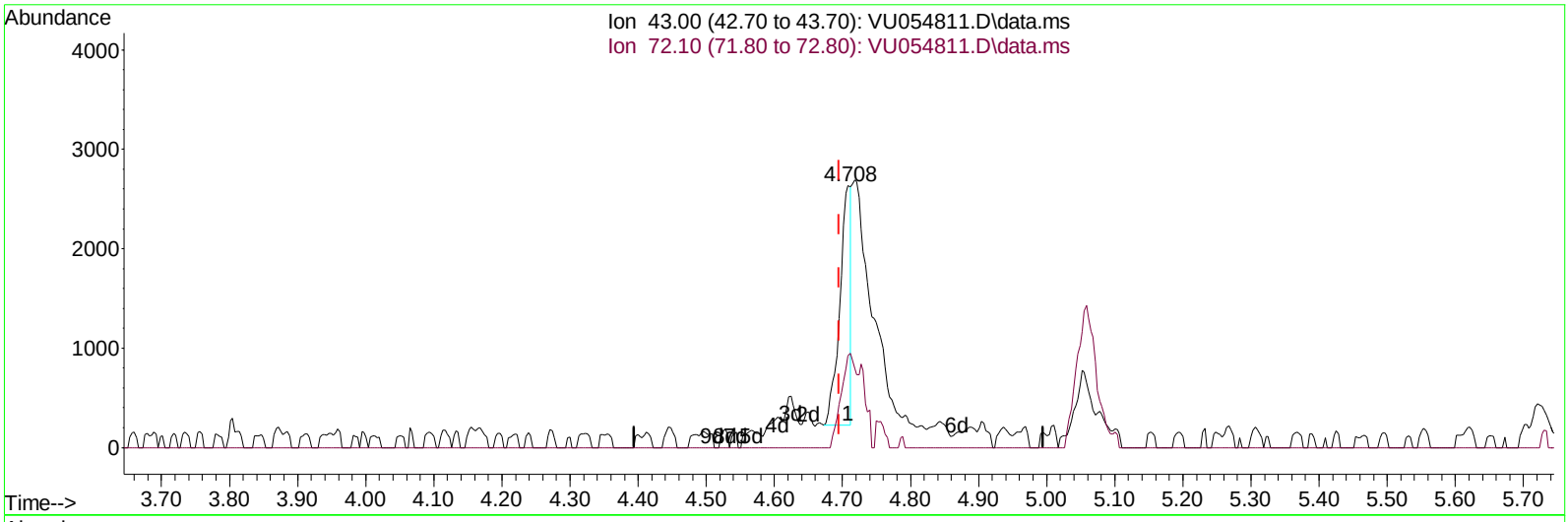
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071823\
Data File : VU054811.D
Acq On : 18 Jul 2023 16:48
Operator : MD/SY
Sample : 03656-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

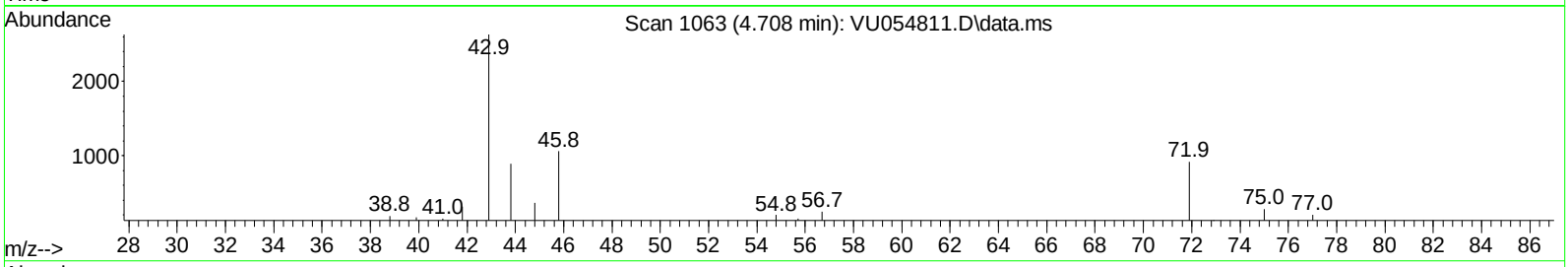
Quant Time: Jul 19 02:51:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071723WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 19 02:47:32 2023
Response via : Initial Calibration

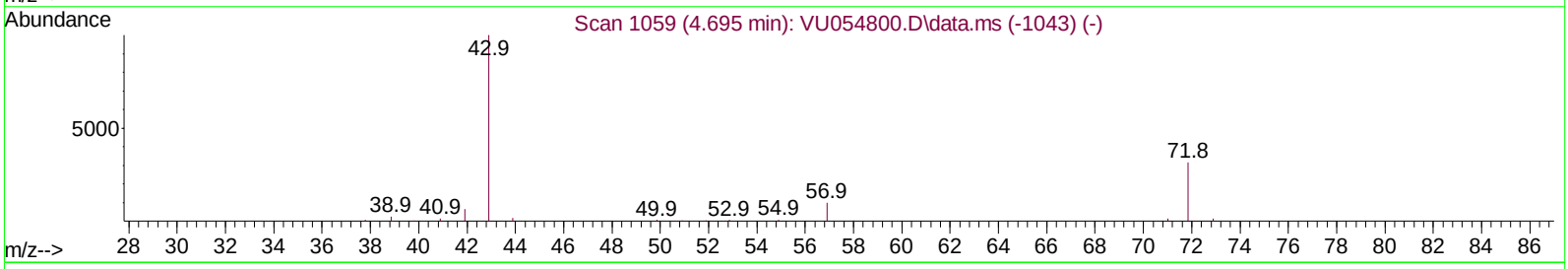
Instrument :
MSVOA_U
ClientSampleId :
BH2Y4

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023







TIC: VU054811.D\data.ms

(22) 2-Butanone (T)

4.708min (+ 0.013) 1.94 ug/L

response 2672

Ion	Exp%	Act%
43.00	100.00	100.00
72.10	30.40	58.31#
0.00	0.00	0.00
0.00	0.00	0.00

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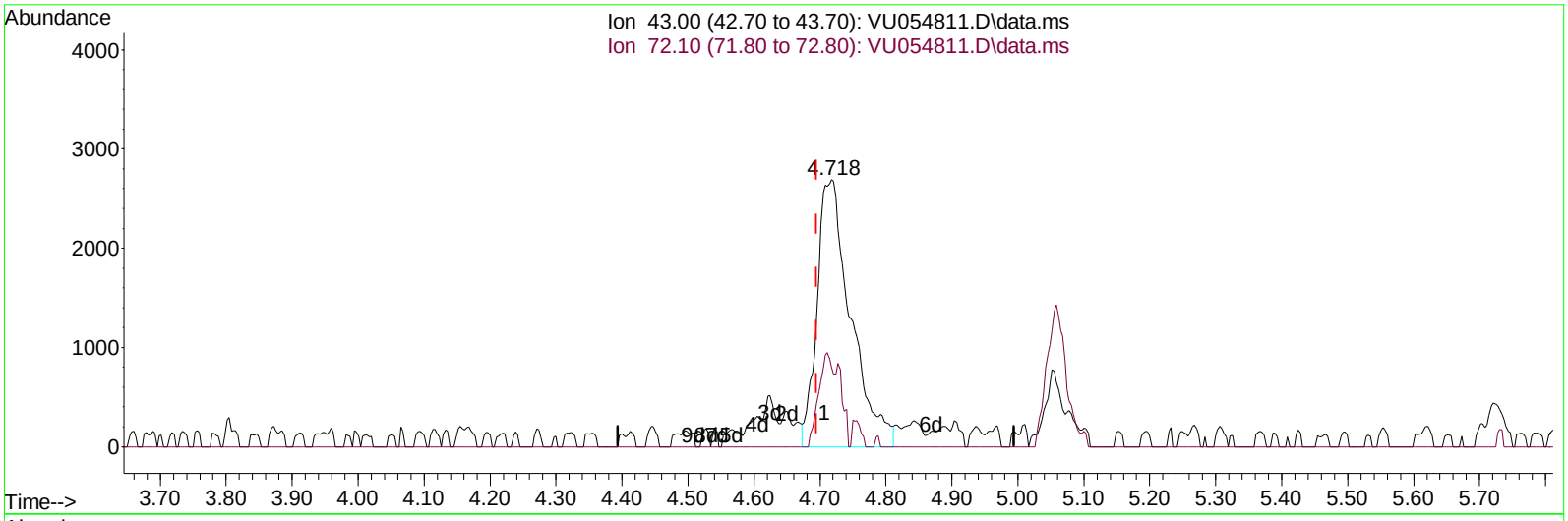

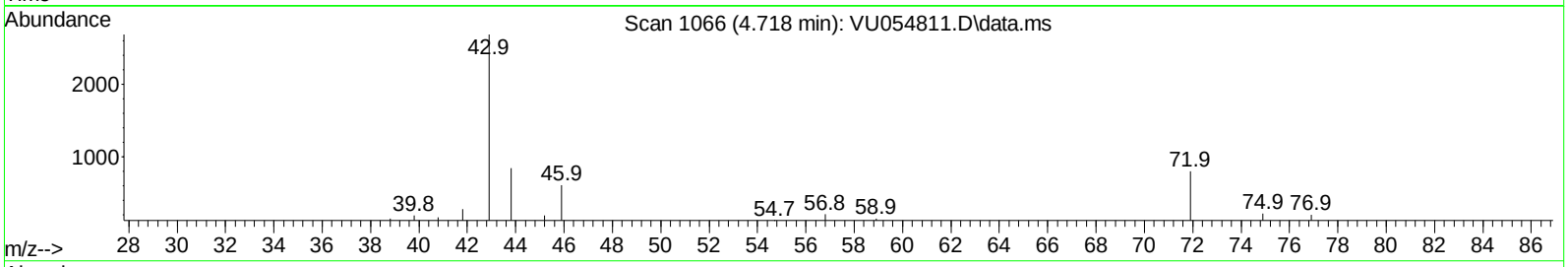

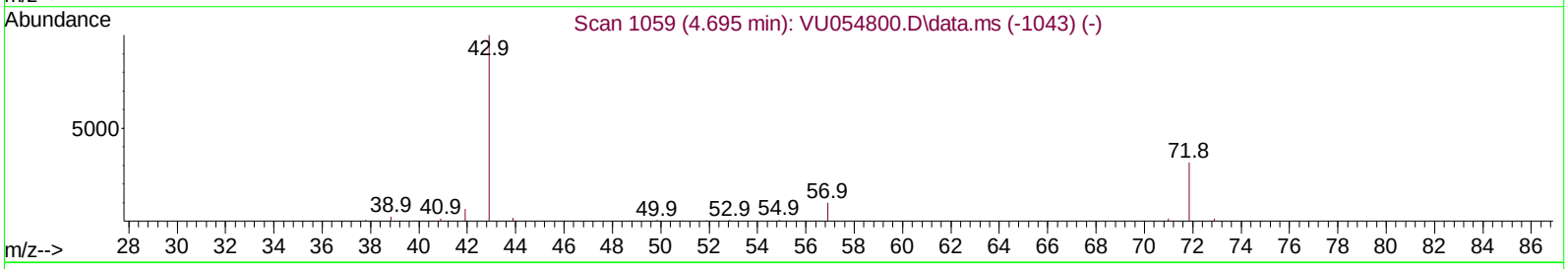

TIC: VU054811.D\data.ms

(22) 2-Butanone (T)

4.718min (+ 0.023) 6.90 ug/L m

response 9496

Ion	Exp%	Act%
43.00	100.00	100.00
72.10	30.40	16.41
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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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	238622	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	228932	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	116894	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	77500	42.021	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.040%		
7) Chloroethane-d5	1.885	69	77127	41.805	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.600%		
11) 1,1-Dichloroethene-d2	2.554	63	78067	29.509	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.020%#		
21) 2-Butanone-d5	4.615	46	117439	99.066	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.070%		
24) Chloroform-d	5.055	84	125210	43.613	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.220%		
26) 1,2-Dichloroethane-d4	5.695	65	80444	46.792	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.580%		
32) Benzene-d6	5.721	84	251802	46.175	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.340%		
36) 1,2-Dichloropropane-d6	6.685	67	89519	48.752	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.500%		
41) Toluene-d8	7.894	98	239138	46.019	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.040%		
43) trans-1,3-Dichloroprop...	8.174	79	40732	43.363	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.720%		
47) 2-Hexanone-d5	8.631	63	82850	95.451	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.450%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	152000	45.068	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.140%		
66) 1,2-Dichlorobenzene-d4	12.190	152	98411	48.993	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.980%		
Target Compounds						Qvalue
13) Acetone	2.621	43	23542	23.611	ug/L	94
22) 2-Butanone	4.718	43	9496m	6.898	ug/L	

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

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