Quantitation Report (Qedit)

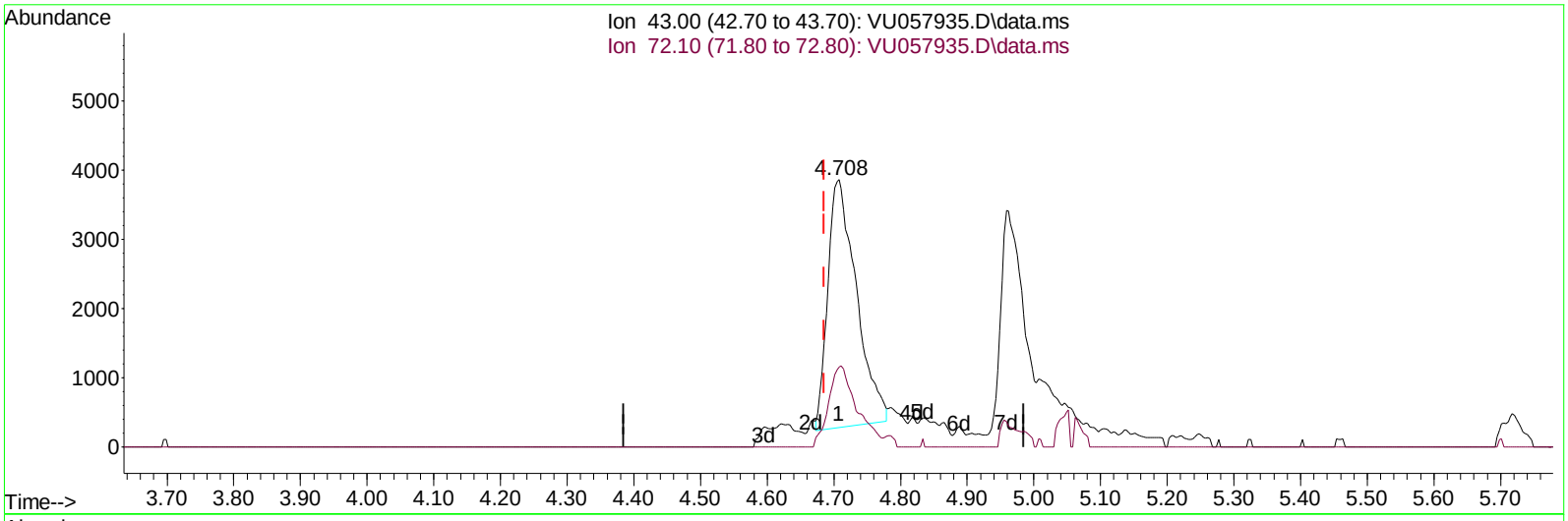
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022224\
Data File : VU057935.D
Acq On : 22 Feb 2024 19:24
Operator : MD/SY
Sample : P1567-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

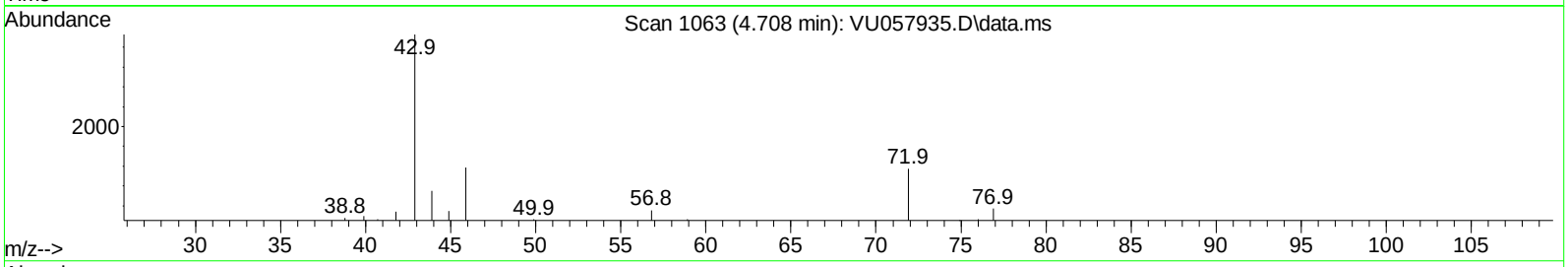
Quant Time: Feb 23 00:06:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021924WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 23 00:03:12 2024
Response via : Initial Calibration

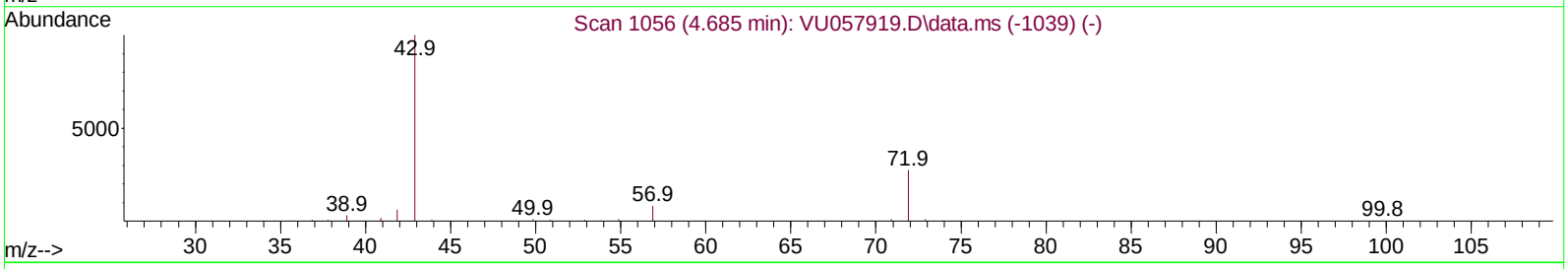
Instrument :
MSVOA_U
ClientSampleId :
JWAC1

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024







TIC: VU057935.D\data.ms

(22) 2-Butanone (T)

4.708min (+ 0.023) 6.32 ug/L

response 10669

Ion	Exp%	Act%
43.00	100.00	100.00
72.10	27.50	32.21
0.00	0.00	0.00
0.00	0.00	0.00

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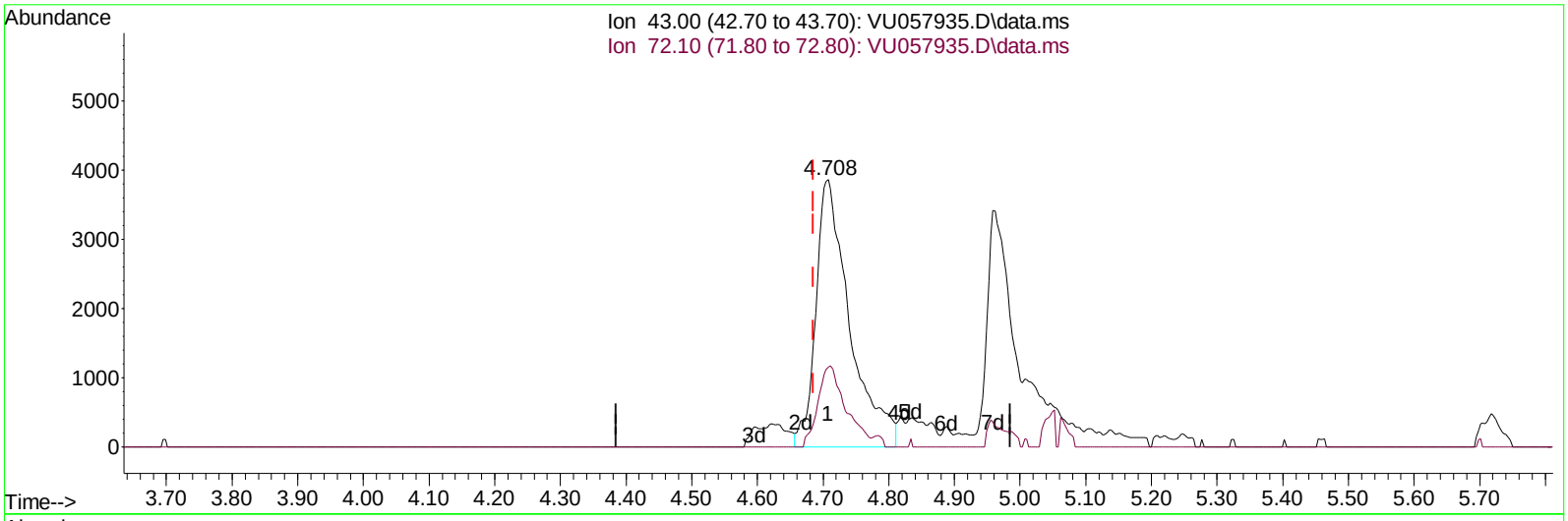

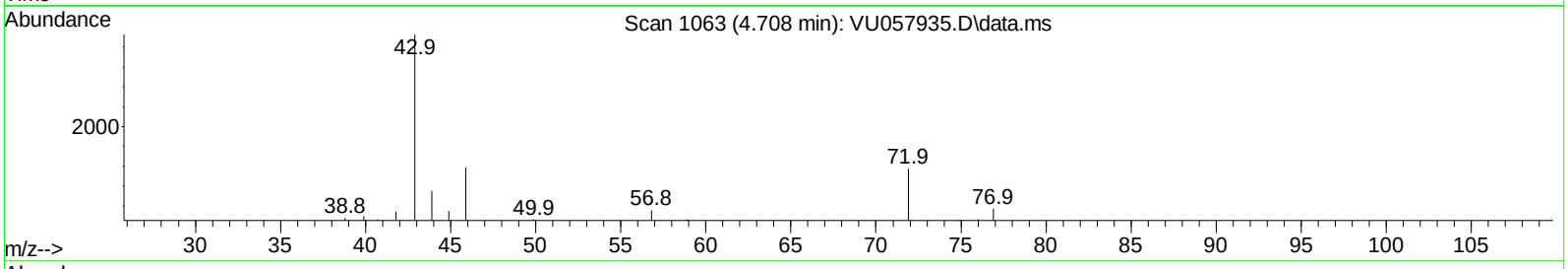

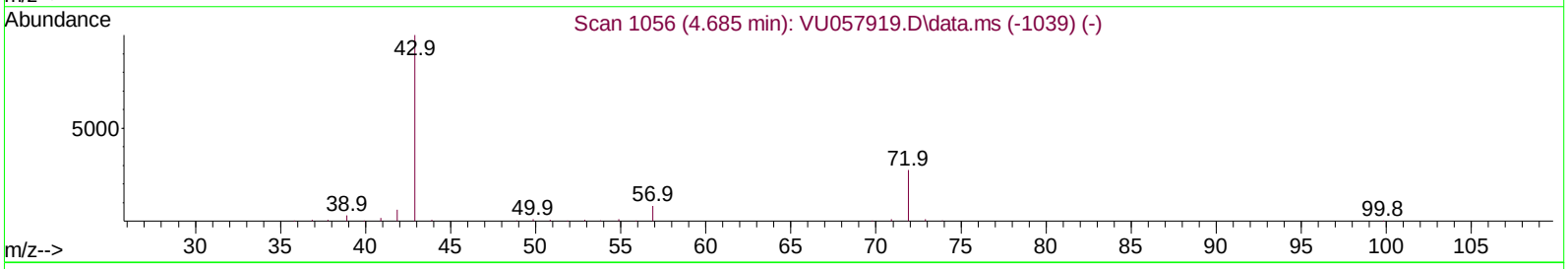

TIC: VU057935.D\data.ms

(22) 2-Butanone (T)

4.708min (+ 0.023) 8.17 ug/L m

response 13798

Ion	Exp%	Act%
43.00	100.00	100.00
72.10	27.50	24.91
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	6.242	114	273674	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	262651	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	117893	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	77696	39.214	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.420%			
7) Chloroethane-d5	1.904	69	63069	43.067	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.140%			
11) 1,1-Dichloroethene-d2	2.560	63	110557	29.941	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.880%#			
21) 2-Butanone-d5	4.608	46	95552	126.927	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 126.930%			
24) Chloroform-d	5.052	84	149074	44.371	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.740%			
26) 1,2-Dichloroethane-d4	5.692	65	98517	46.777	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.560%			
32) Benzene-d6	5.718	84	301336	45.780	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.560%			
36) 1,2-Dichloropropane-d6	6.682	67	100112	47.103	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.200%			
41) Toluene-d8	7.891	98	263160	44.167	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.340%			
43) trans-1,3-Dichloroprop...	8.174	79	43183	42.666	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.340%			
47) 2-Hexanone-d5	8.627	63	66251	81.083	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.080%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	124340	42.396	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.800%			
66) 1,2-Dichlorobenzene-d4	12.190	152	89638	46.957	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.920%			
Target Compounds						Qvalue
13) Acetone	2.612	43	83596	59.975	ug/L	97
22) 2-Butanone	4.708	43	13798m	8.171	ug/L	
46) Tetrachloroethene	8.547	164	2391	1.475	ug/L	95

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

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