Quantitation Report (Qedit)

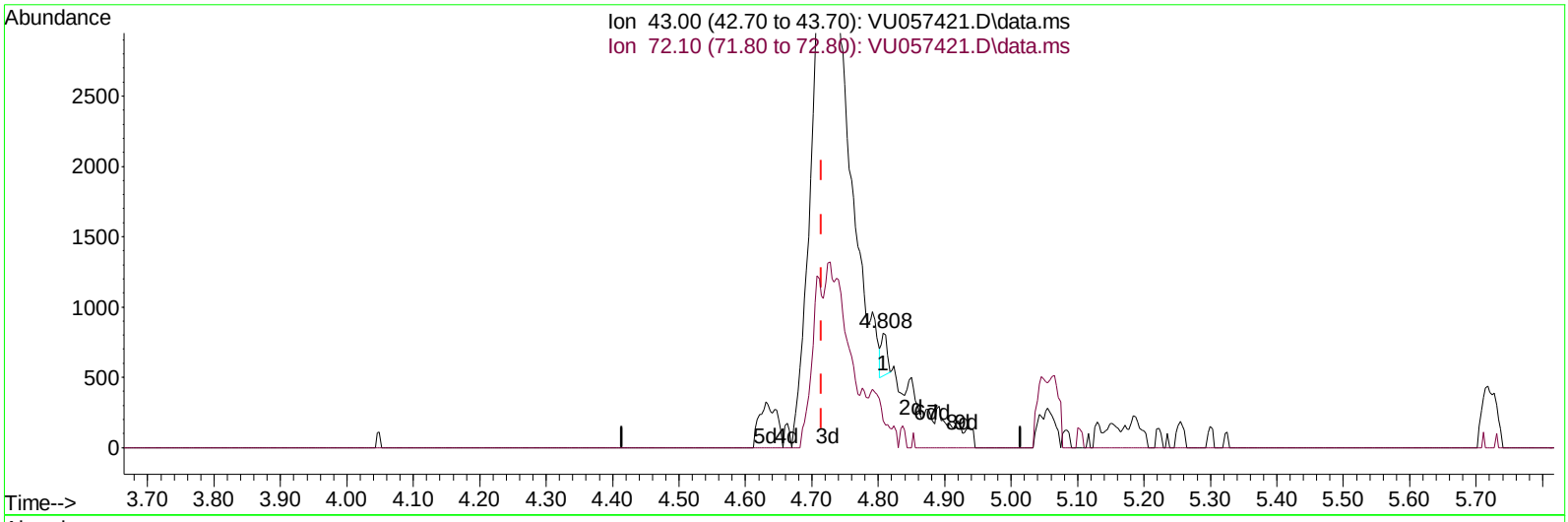
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
Data File : VU057421.D
Acq On : 09 Jan 2024 07:10
Operator : MD/SY
Sample : P1058-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

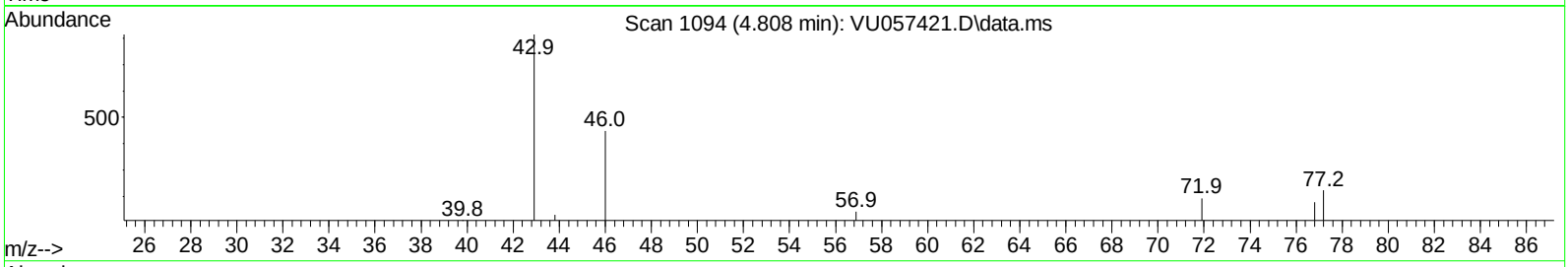
Quant Time: Jan 09 07:37:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 09 06:09:25 2024
Response via : Initial Calibration

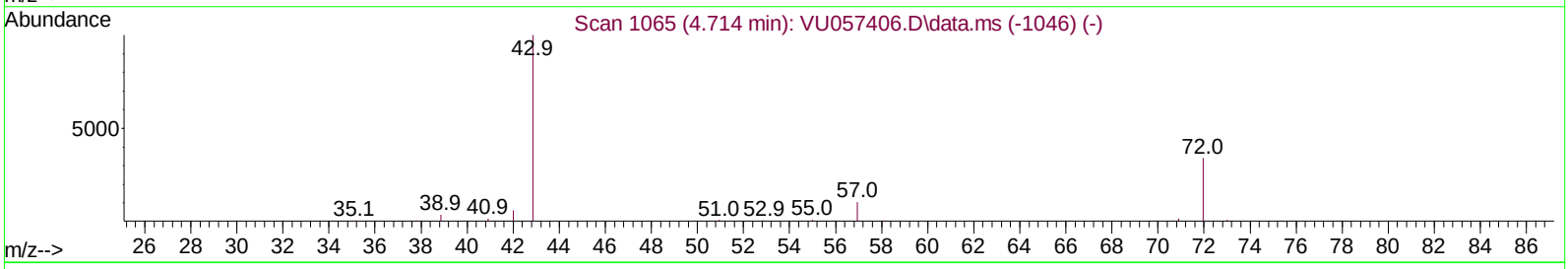
Instrument :
MSVOA_U
ClientSampleId :
YCHF5

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024







TIC: VU057421.D\data.ms

(22) 2-Butanone (T)

4.808min (+ 0.093) 0.18 ug/L

response 186

Ion	Exp%	Act%
43.00	100.00	100.00
72.10	30.40	27.96
0.00	0.00	0.00
0.00	0.00	0.00

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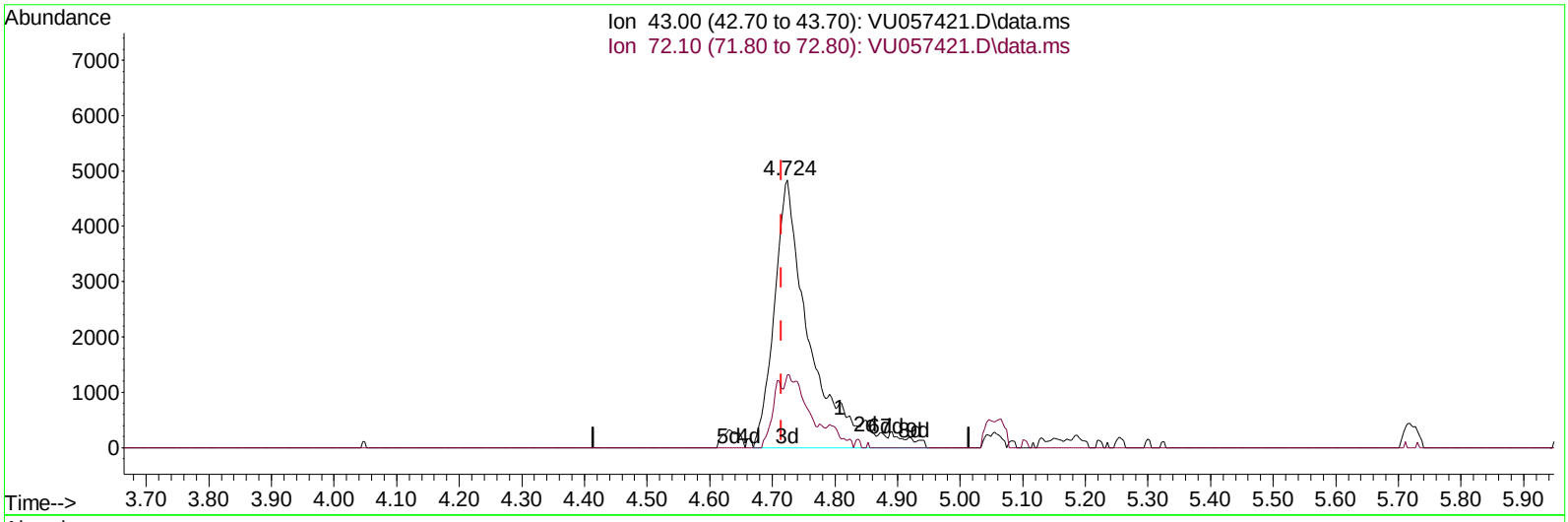

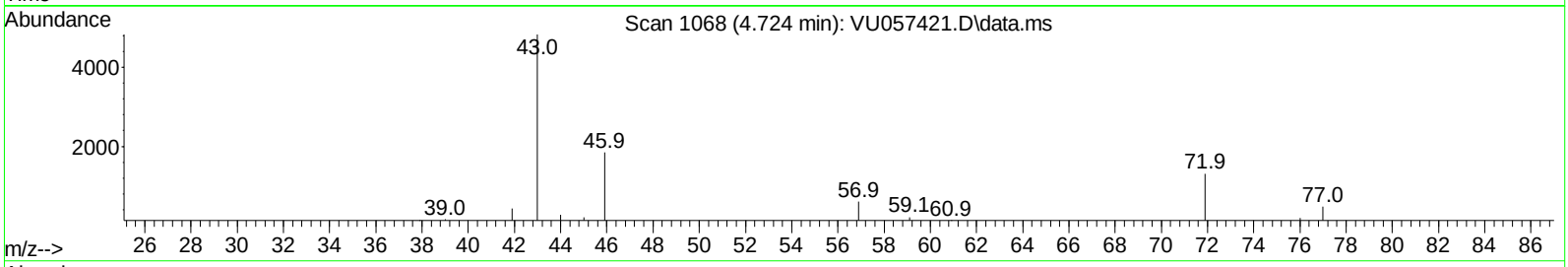

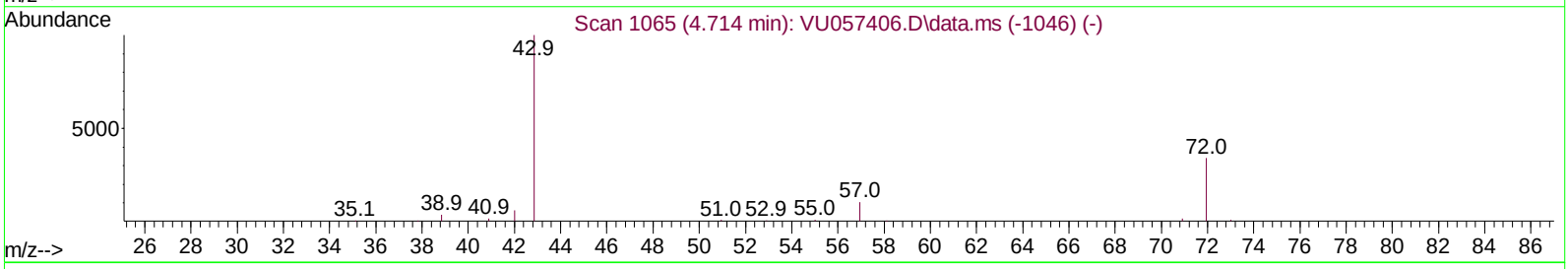

TIC: VU057421.D\data.ms

(22) 2-Butanone (T)

4.724min (+ 0.010) 18.66 ug/L m

response 19324

Ion	Exp%	Act%
43.00	100.00	100.00
72.10	30.40	0.27#
0.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	258760	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	251447	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	105258	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	70434	39.548	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.100%			
7) Chloroethane-d5	1.914	69	55962	40.605	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.200%			
11) 1,1-Dichloroethene-d2	2.560	63	142133	37.652	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.300%			
21) 2-Butanone-d5	4.631	46	86406	100.125	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.130%			
24) Chloroform-d	5.055	84	176197	41.837	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.680%			
26) 1,2-Dichloroethane-d4	5.695	65	124243	44.656	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.320%			
32) Benzene-d6	5.721	84	314028	46.525	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.040%			
36) 1,2-Dichloropropane-d6	6.685	67	89763	47.119	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.240%			
41) Toluene-d8	7.891	98	274055	43.328	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.660%			
43) trans-1,3-Dichloroprop...	8.174	79	50497	44.409	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.820%			
47) 2-Hexanone-d5	8.644	63	59595	95.694	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.690%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	125414	44.053	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.100%			
66) 1,2-Dichlorobenzene-d4	12.190	152	97286	47.256	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.520%			
Target Compounds						Qvalue
5) Vinyl chloride	1.605	62	3867	1.950	ug/L #	73
12) 1,1-Dichloroethene	2.573	96	47496	27.089	ug/L #	83
13) Acetone	2.647	43	29707	28.268	ug/L	73
19) 1,1-Dichloroethane	3.866	63	10364	3.121	ug/L	94
20) cis-1,2-Dichloroethene	4.660	96	13531	7.052	ug/L	96
22) 2-Butanone	4.724	43	19324m	18.662	ug/L	
30) 1,1,1-Trichloroethane	5.309	97	12041	3.112	ug/L	97
34) Trichloroethene	6.537	95	17528	8.496	ug/L	99

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

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