Quantitation Report (Qedit)

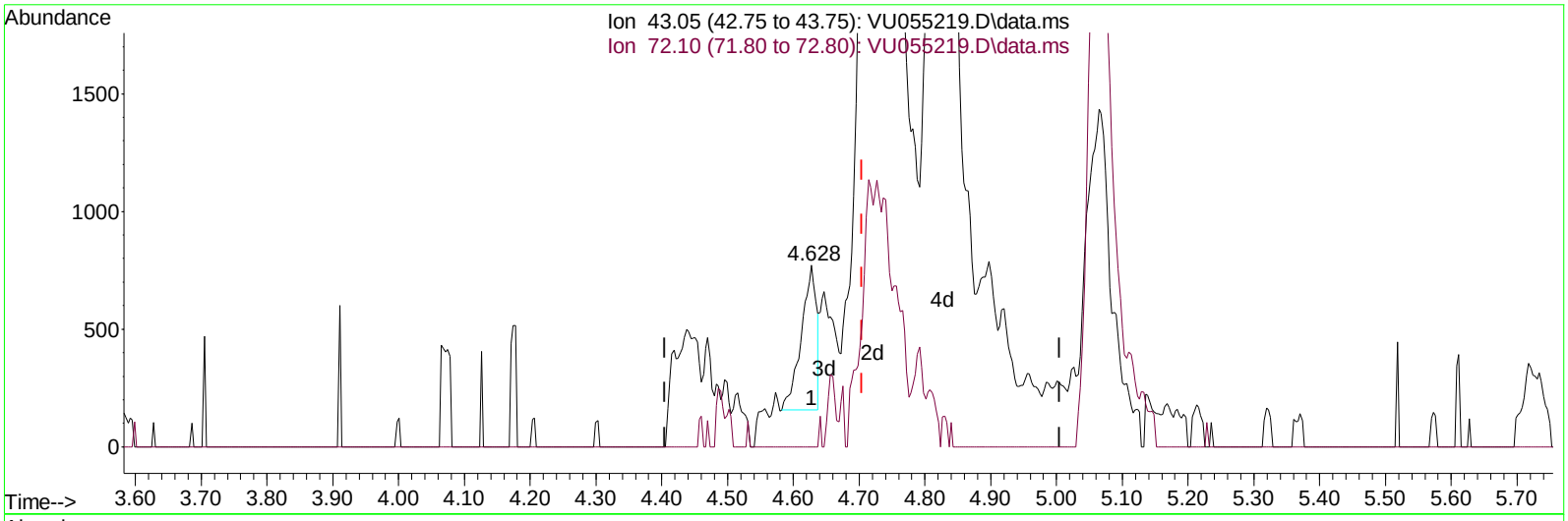
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
Data File : VU055219.D
Acq On : 08 Sep 2023 04:56
Operator : MD/SY
Sample : 04307-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

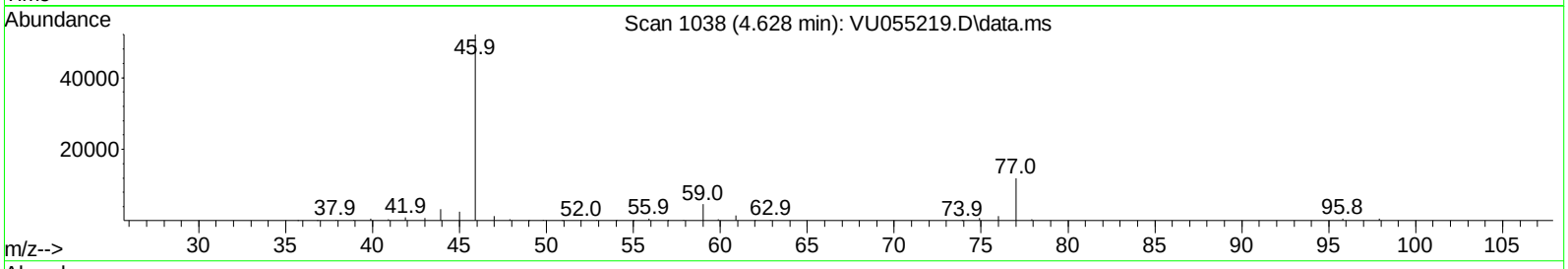
Quant Time: Sep 08 06:41:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 08 06:18:43 2023
Response via : Initial Calibration

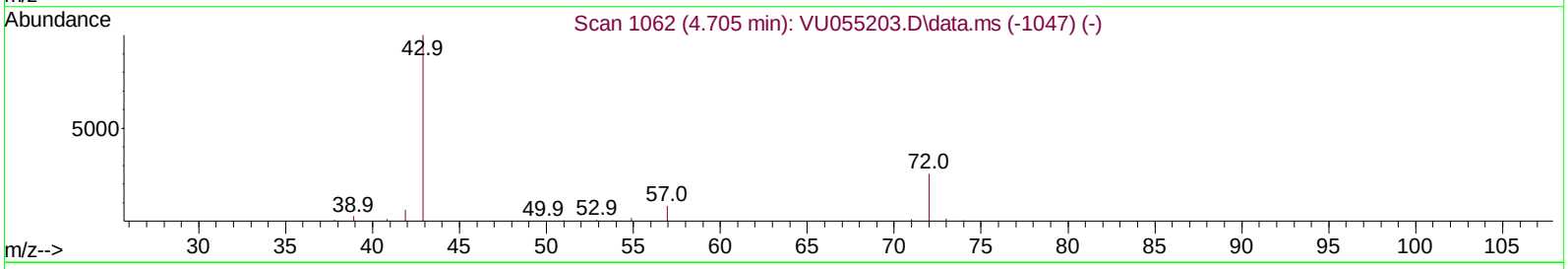
Instrument :
MSVOA_U
ClientSampleId :
BH4P7

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/14/2023







TIC: VU055219.D\data.ms

(21) 2-Butanone (T)

4.628min (-0.077) 0.44 ug/L

response 987

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	27.00	18.54
0.00	0.00	0.00
0.00	0.00	0.00

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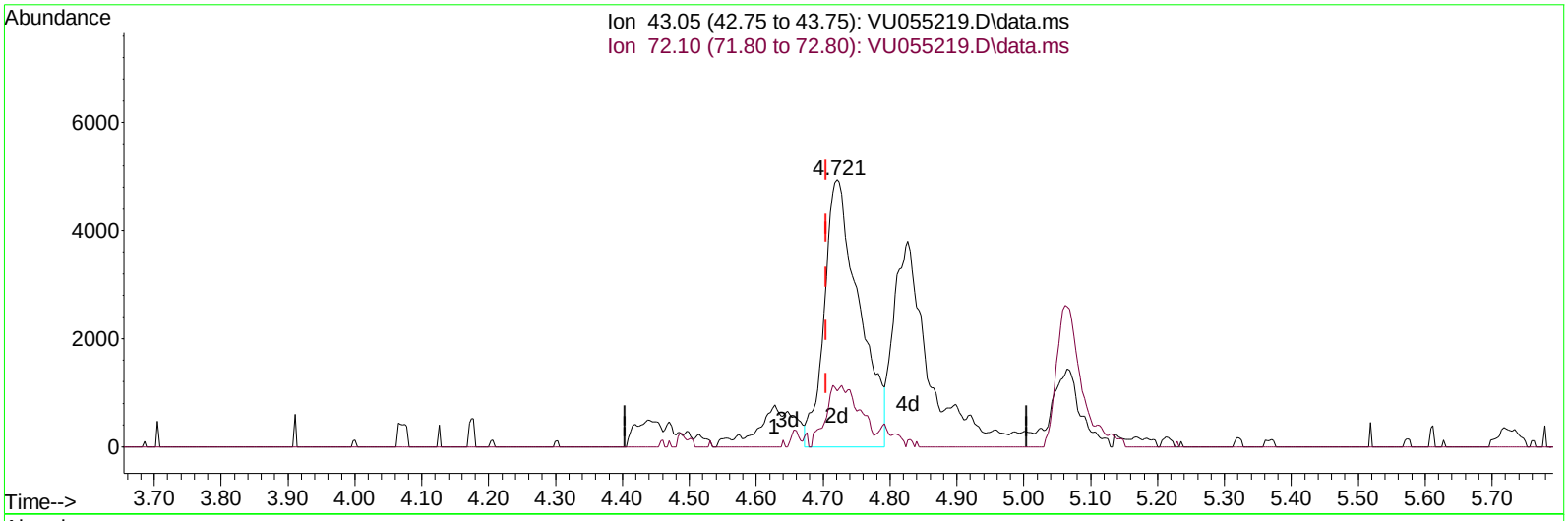

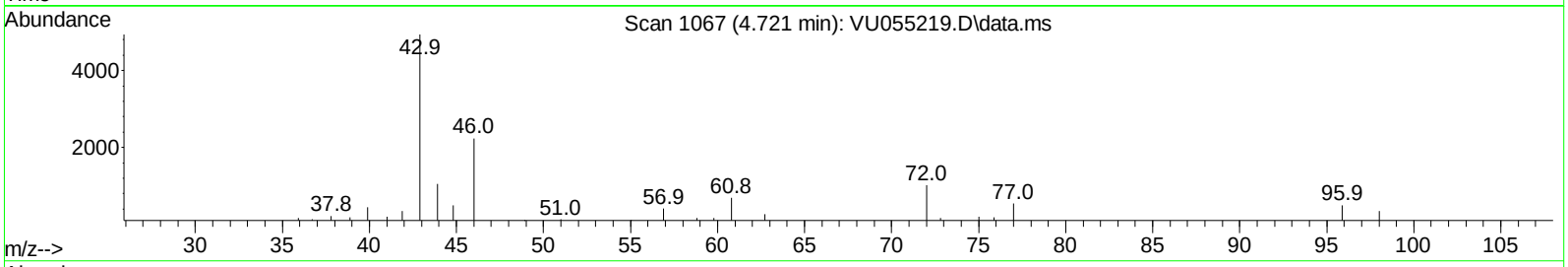

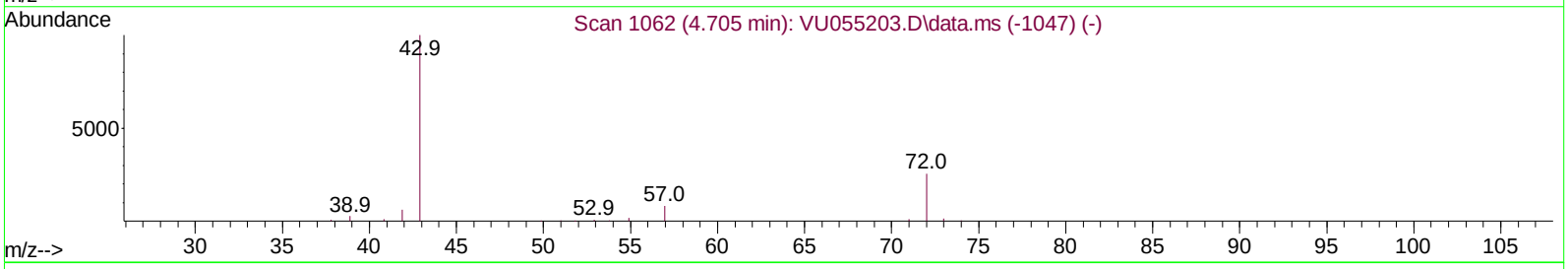

TIC: VU055219.D\data.ms

(21) 2-Butanone (T)

4.721min (+ 0.016) 8.03 ug/L m

response 17814

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	27.00	1.03#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
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Instrument :
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Supervised By :Mahesh Dadoda 09/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	165698	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	171978	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	87602	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34159	4.399	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.000%			
7) Chloroethane-d5	1.911	69	43196	4.805	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.200%			
11) 1,1-Dichloroethene-d2	2.563	65	19672	4.446	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.000%			
20) 2-Butanone-d5	4.631	46	139340	61.829	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.660%			
24) Chloroform-d	5.058	84	105380	5.114	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.200%			
26) 1,2-Dichloroethane-d4	5.701	65	54892	5.324	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.400%			
32) Benzene-d6	5.724	84	203465	4.793	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.800%			
36) 1,2-Dichloropropane-d6	6.689	67	68489	5.073	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.400%			
41) Toluene-d8	7.898	98	173195	4.429	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.600%			
43) trans-1,3-Dichloroprop...	8.180	79	16015	4.307	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.200%			
46) 2-Hexanone-d5	8.634	63	70825	46.918	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.840%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51543	5.428	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.600%			
66) 1,2-Dichlorobenzene-d4	12.193	152	61895	4.841	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.800%			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	3909	0.399	ug/L	99
13) Acetone	2.634	43	81879	54.209	ug/L	94
15) Methyl Acetate	2.952	43	21647	7.002	ug/L	99
16) Methylene chloride	3.039	84	5056	0.432	ug/L	93
21) 2-Butanone	4.721	43	17814m	8.027	ug/L	
22) cis-1,2-Dichloroethene	4.663	96	52733	5.543	ug/L	98
34) Trichloroethene	6.541	95	26802	2.635	ug/L	94
40) 4-Methyl-2-pentanone	7.795	43	10364	1.823	ug/L #	89
42) Toluene	7.971	91	6614	0.169	ug/L	83
70) 1,2,4-trichlorobenzene	13.843	180	7127	0.513	ug/L	98

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

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