Quantitation Report (Qedit)

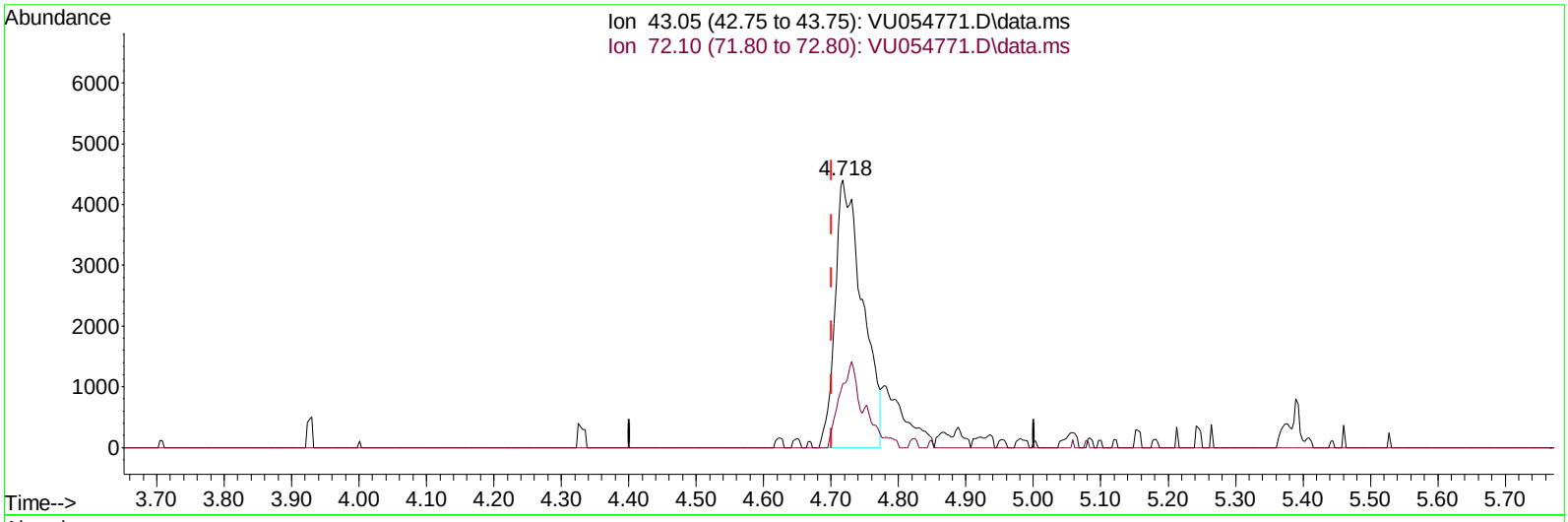
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070723\
Data File : VU054771.D
Acq On : 07 Jul 2023 09:09
Operator : MD/SY
Sample : VSTD0.537
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

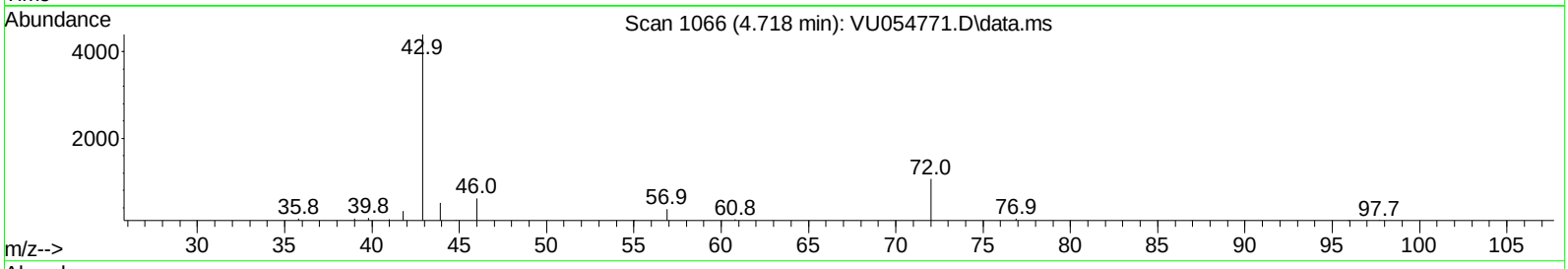
Quant Time: Jul 08 07:40:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR070723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 08 07:39:44 2023
Response via : Initial Calibration

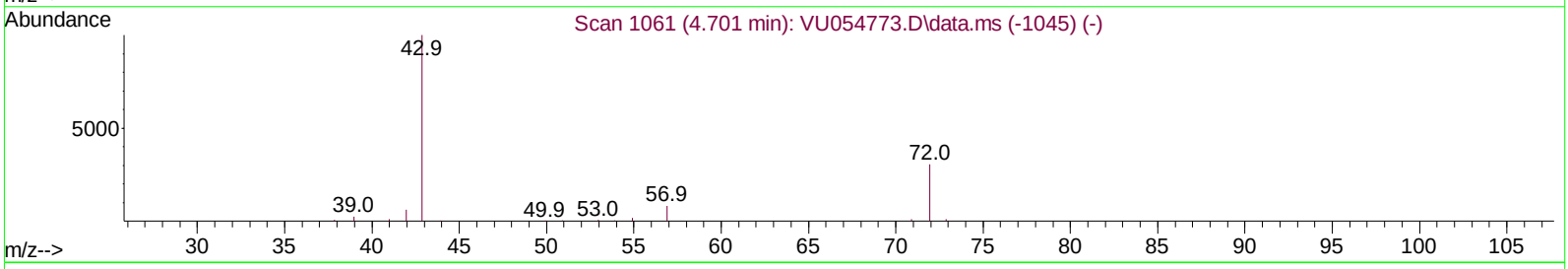
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5037

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 07/10/2023
Supervised By :Mahesh Dadoda 07/10/2023







TIC: VU054771.D\data.ms

(21) 2-Butanone (T)

4.718min (+ 0.016) 3.63 ug/L

response 12390

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	28.90	21.36
0.00	0.00	0.00
0.00	0.00	0.00

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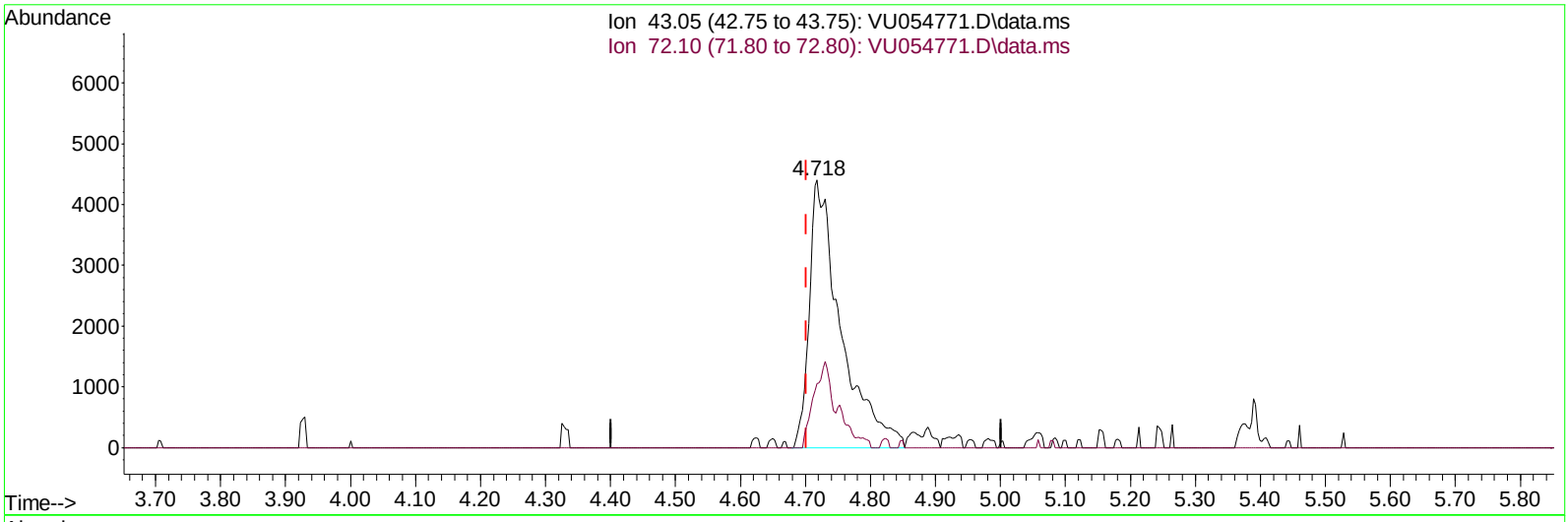

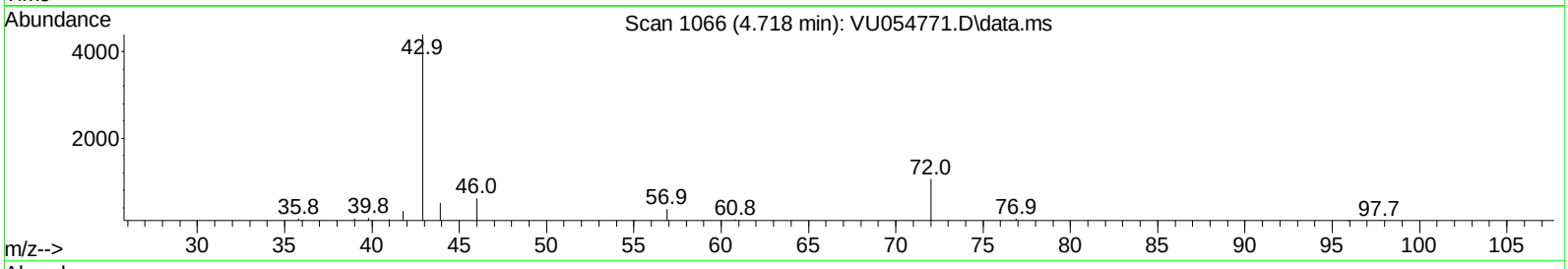

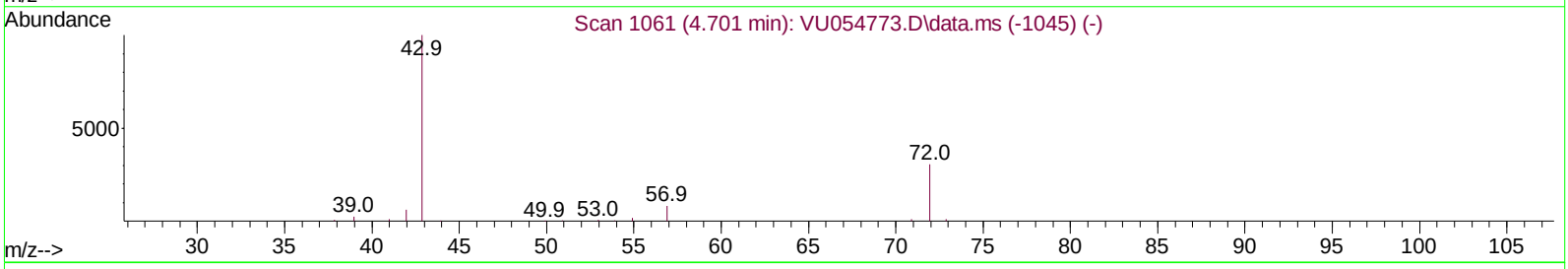

TIC: VU054771.D\data.ms

(21) 2-Butanone (T)

4.718min (+ 0.016) 4.35 ug/L m

response 14851

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	28.90	17.82
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	6.245	114	252696	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	244392	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	117041	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	8137	0.427	ug/L	0.00
7) Chloroethane-d5	1.911	69	6786	0.425	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.567	65	3249	0.417	ug/L	0.00
20) 2-Butanone-d5	4.647	46	17129	3.953	ug/L	0.02
24) Chloroform-d	5.062	84	13883	0.409	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	7249	0.408	ug/L	0.00
32) Benzene-d6	5.724	84	25725	0.397	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.692	67	8447	0.411	ug/L	0.00
41) Toluene-d8	7.898	98	22615	0.374	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	3173	0.383	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	10521	3.317	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	6421	0.387	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	8648	0.424	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	9021	0.460	ug/L	100
3) Chloromethane	1.518	50	10915	0.498	ug/L	100
5) Vinyl chloride	1.602	62	9835	0.462	ug/L	98
6) Bromomethane	1.856	94	6236	0.482	ug/L	99
8) Chloroethane	1.930	64	5633	0.462	ug/L	91
9) Trichlorofluoromethane	2.132	101	12028	0.433	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	6427	0.463	ug/L	98
12) 1,1-Dichloroethene	2.573	96	5756	0.445	ug/L	98
13) Acetone	2.640	43	10619	4.692	ug/L	98
14) Carbon disulfide	2.788	76	19668	0.452	ug/L	100
15) Methyl Acetate	2.952	43	2682	0.479	ug/L	95
16) Methylene chloride	3.042	84	13077	0.683	ug/L	96
17) Methyl tert-butyl Ether	3.364	73	13017	0.427	ug/L	95
18) trans-1,2-Dichloroethene	3.348	96	5850	0.439	ug/L	84
19) 1,1-Dichloroethane	3.866	63	11628	0.451	ug/L	88
21) 2-Butanone	4.718	43	14851m	4.355	ug/L	
22) cis-1,2-Dichloroethene	4.669	96	6321	0.436	ug/L	91
23) Bromochloromethane	4.972	128	2727	0.423	ug/L	85
25) Chloroform	5.087	83	12980	0.480	ug/L	85
27) 1,2-Dichloroethane	5.791	62	7696	0.440	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	10346	0.439	ug/L	98
30) Cyclohexane	5.380	56	8426	0.402	ug/L	98
31) Carbon tetrachloride	5.521	117	9377	0.443	ug/L	98
33) Benzene	5.772	78	22831	0.415	ug/L	100
34) Trichloroethene	6.541	95	7202	0.468	ug/L	94
35) Methylcyclohexane	6.763	83	8408	0.390	ug/L	95
37) 1,2-Dichloropropane	6.788	63	6094	0.422	ug/L #	98
38) Bromodichloromethane	7.103	83	8131	0.438	ug/L	97
39) cis-1,3-Dichloropropene	7.608	75	8729	0.404	ug/L	97
40) 4-Methyl-2-pentanone	7.791	43	32281	3.989	ug/L	99
42) Toluene	7.965	91	23112	0.396	ug/L	100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	trans-1,3-Dichloropropene	8.213	75	7252	0.388	ug/L		90
45)	1,1,2-Trichloroethane	8.399	97	4059	0.393	ug/L		91
47)	Tetrachloroethene	8.553	164	6005	0.481	ug/L		96
48)	2-Hexanone	8.688	43	22084	3.790	ug/L		97
49)	Dibromochloromethane	8.807	129	5120	0.425	ug/L		94
50)	1,2-Dibromoethane	8.923	107	4004	0.406	ug/L	#	92
51)	Chlorobenzene	9.444	112	16338	0.437	ug/L		96
52)	Ethylbenzene	9.569	91	25118	0.402	ug/L		100
53)	m,p-Xylene	9.695	106	9124	0.383	ug/L		86
54)	o-Xylene	10.100	106	7943	0.357	ug/L		95
55)	Styrene	10.116	104	13177	0.350	ug/L		89
57)	1,1,2,2-Tetrachloroethane	10.778	83	5470	0.434	ug/L		97
59)	Bromoform	10.293	173	3177	0.464	ug/L	#	96
60)	Isopropylbenzene	10.483	105	21427	0.395	ug/L		97
61)	1,2,3-Trichloropropane	10.820	75	3793	0.445	ug/L	#	93
62)	1,3,5-Trimethylbenzene	11.087	105	17826	0.396	ug/L		97
63)	1,2,4-Trimethylbenzene	11.467	105	16233	0.377	ug/L		97
64)	1,3-Dichlorobenzene	11.746	146	12548	0.459	ug/L		93
65)	1,4-Dichlorobenzene	11.833	146	11941	0.438	ug/L		94
67)	1,2-Dichlorobenzene	12.209	146	11073	0.441	ug/L		95
68)	1,2-Dibromo-3-chloropr...	12.997	75	987	0.476	ug/L		90
69)	1,3,5-Trichlorobenzene	13.219	180	8673	0.424	ug/L		96
70)	1,2,4-trichlorobenzene	13.839	180	6488	0.395	ug/L		96
71)	Naphthalene	14.090	128	9377	0.362	ug/L		97
72)	1,2,3-Trichlorobenzene	14.331	180	5406	0.368	ug/L		92

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

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