Quantitation Report (Qedit)

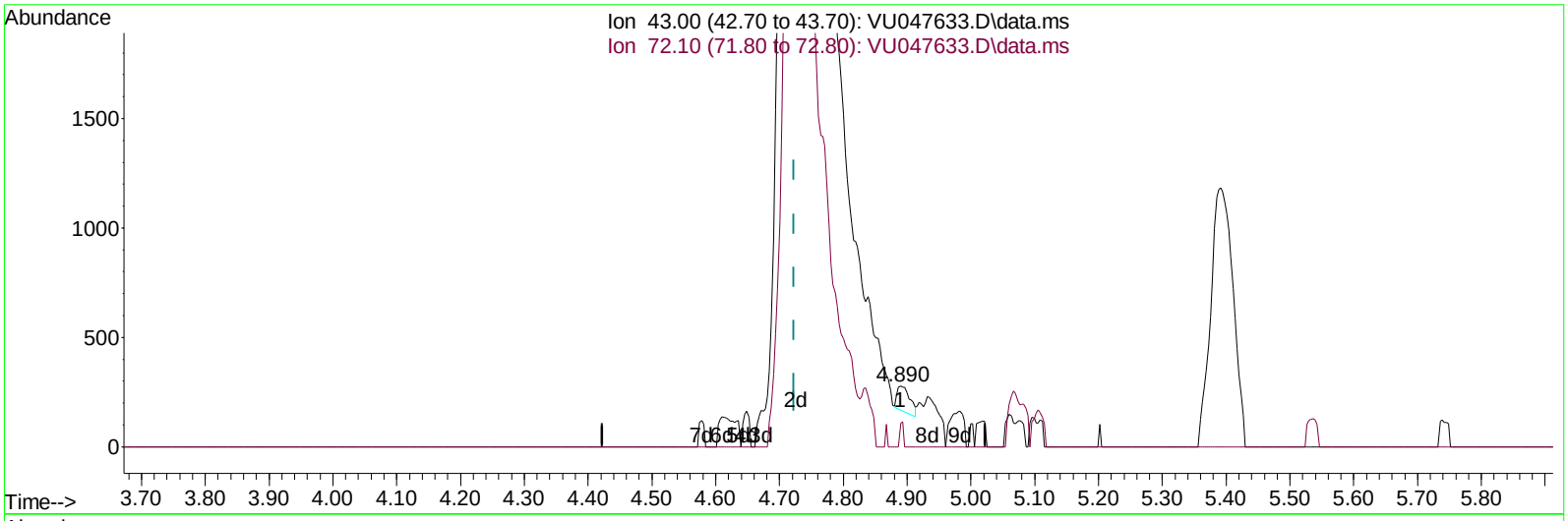
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047633.D
Acq On : 24 Mar 2022 13:04
Operator : SY/MD
Sample : VSTD01050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

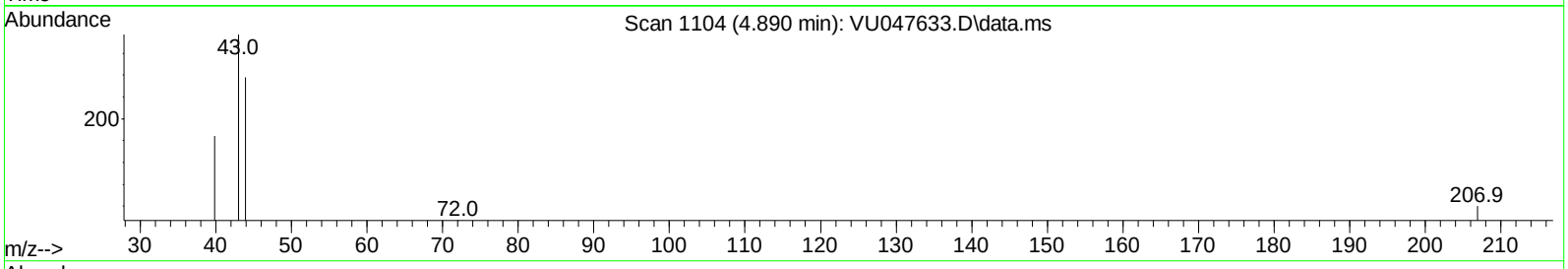
Quant Time: Mar 24 23:08:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 24 23:06:34 2022
Response via : Initial Calibration

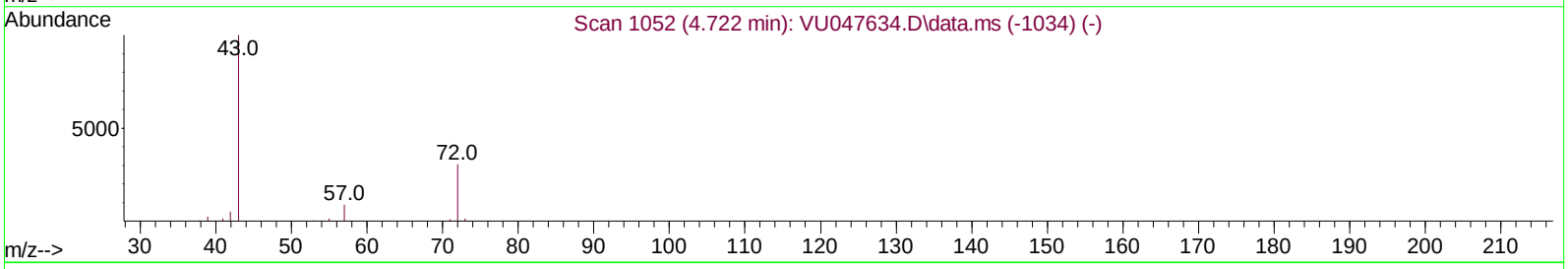
Instrument :
MSVOA_U
ClientSampleId :
VSTD010050

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022







TIC: VU047633.D\data.ms

(22) 2-Butanone (T)

4.890min (+ 0.167) 0.06 ug/L

response 154

Ion	Exp%	Act%
43.00	100.00	100.00
72.10	31.90	27.92
0.00	0.00	0.00
0.00	0.00	0.00

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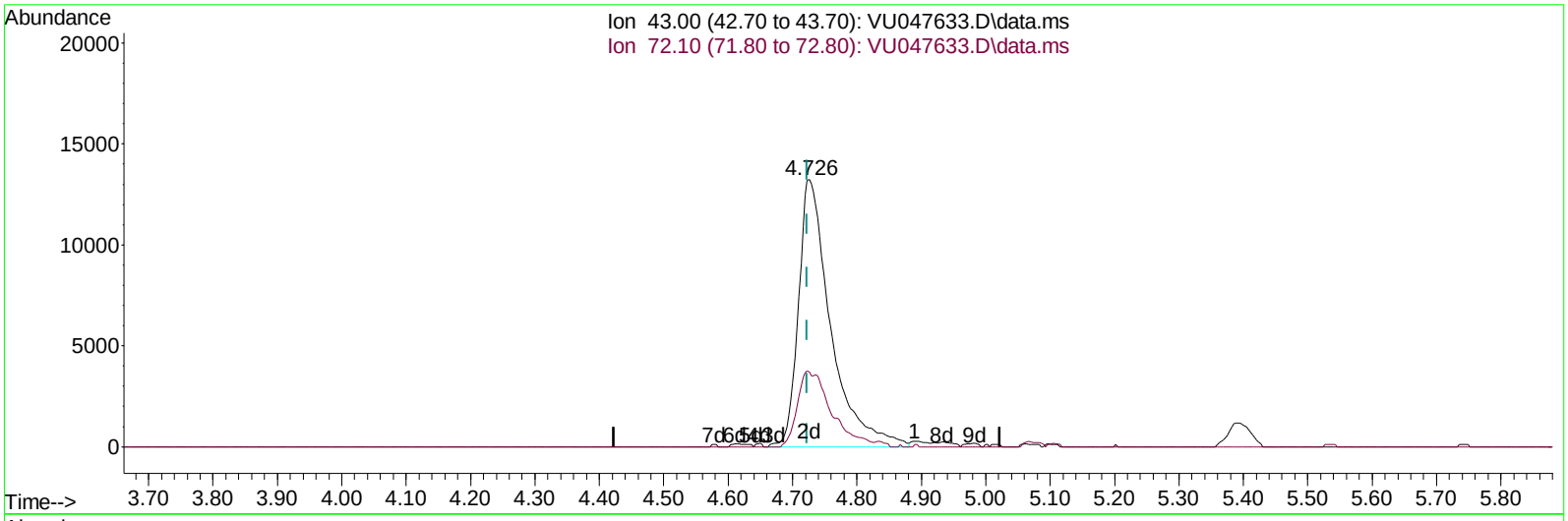

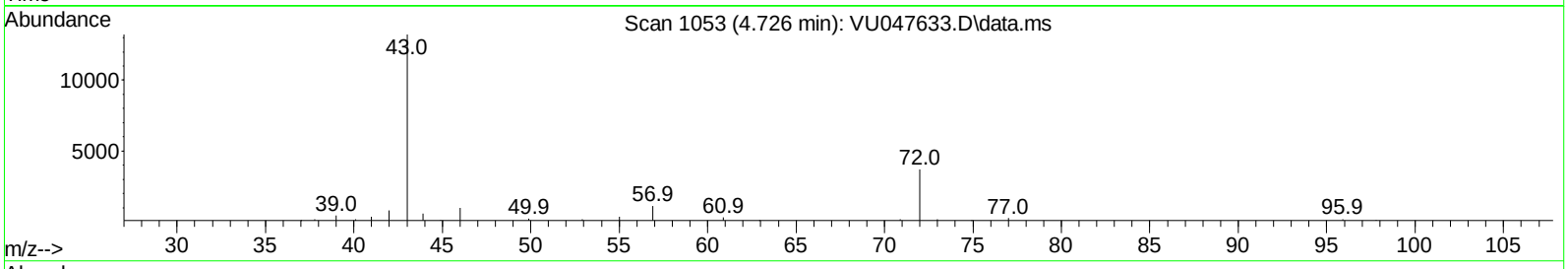

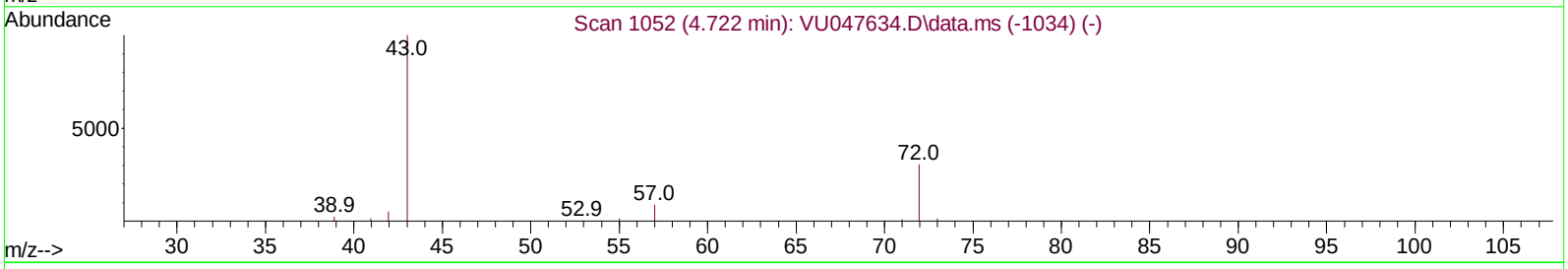

TIC: VU047633.D\data.ms

(22) 2-Butanone (T)

4.726min (+ 0.003) 19.39 ug/L m

response 46076

Ion	Exp%	Act%
43.00	100.00	100.00
72.10	31.90	0.09#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	287046	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	306118	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	174868	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	21898	9.411	ug/L	0.00
7) Chloroethane-d5	1.919	69	17165	9.540	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	38214	9.277	ug/L	0.00
21) 2-Butanone-d5	4.649	46	32503	17.295	ug/L	0.00
24) Chloroform-d	5.067	84	38312	9.766	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	23352	8.981	ug/L	0.00
32) Benzene-d6	5.732	84	74026	8.589	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	22338	8.393	ug/L	0.00
41) Toluene-d8	7.899	98	69424	8.751	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	11163	8.632	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	21988	16.793	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37504	9.087	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	29476	8.859	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	30426	10.372	ug/L	98
3) Chloromethane	1.524	50	29711	11.124	ug/L	99
5) Vinyl chloride	1.607	62	29815	11.074	ug/L	97
6) Bromomethane	1.861	94	14488	9.630	ug/L	99
8) Chloroethane	1.938	64	17943	11.408	ug/L	98
9) Trichlorofluoromethane	2.144	101	41018	11.533	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	23398	11.596	ug/L	96
12) 1,1-Dichloroethene	2.585	96	21591	11.310	ug/L	88
13) Acetone	2.659	43	39749	18.641	ug/L	92
14) Carbon disulfide	2.797	76	67548	11.405	ug/L	100
15) Methyl Acetate	2.964	43	28673	10.835	ug/L	97
16) Methylene chloride	3.051	84	25012	10.984	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	23203	11.505	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	61108	9.975	ug/L	99
19) 1,1-Dichloroethane	3.877	63	40159	10.967	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	25147	11.485	ug/L	97
22) 2-Butanone	4.726	43	46076m	19.392	ug/L	
23) Bromochloromethane	4.983	128	14038	12.378	ug/L	98
25) Chloroform	5.096	83	43223	10.666	ug/L	100
27) 1,2-Dichloroethane	5.800	62	33268	11.056	ug/L	99
29) Cyclohexane	5.388	56	30643	9.202	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	37497	10.451	ug/L	99
31) Carbon tetrachloride	5.530	117	34490	11.226	ug/L	99
33) Benzene	5.777	78	93255	10.483	ug/L	100
34) Trichloroethene	6.546	95	24186	10.365	ug/L	97
35) Methylcyclohexane	6.768	83	34001	9.563	ug/L	97
37) 1,2-Dichloropropane	6.793	63	23808	10.269	ug/L	99
38) Bromodichloromethane	7.108	83	32377	10.436	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	33915	9.655	ug/L	98
40) 4-Methyl-2-pentanone	7.797	43	66880	19.605	ug/L	98
42) Toluene	7.970	91	98449	10.289	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.215	75	34059	9.894	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	25233	10.714	ug/L	96
46) Tetrachloroethene	8.555	164	22781	12.818	ug/L	98
48) 2-Hexanone	8.690	43	56481	18.709	ug/L	99
49) Dibromochloromethane	8.813	129	28188	11.292	ug/L	99
50) 1,2-Dibromoethane	8.925	107	28026	10.993	ug/L	99
51) Chlorobenzene	9.449	112	70370	11.317	ug/L	98
52) Ethylbenzene	9.571	91	101811	10.062	ug/L	97
53) m,p-Xylene	9.697	106	37915	9.561	ug/L	97
54) o-Xylene	10.102	106	37639	9.733	ug/L	96
55) Styrene	10.115	104	61744	9.393	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	44500	10.843	ug/L	99
59) Bromoform	10.292	173	23957	11.881	ug/L	97
60) 1,2,3-Trichloropropane	10.825	75	35711	9.819	ug/L	99
61) Isopropylbenzene	10.485	105	95643	9.056	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	49332	5.961	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	72135	8.252	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	56103	10.862	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	58647	10.974	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	55435	10.626	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	10977	11.015	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	43966	11.517	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	36497	10.784	ug/L	99
71) Naphthalene	14.089	128	97679	8.630	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	37421	10.917	ug/L	97

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

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