Quantitation Report (Qedit)

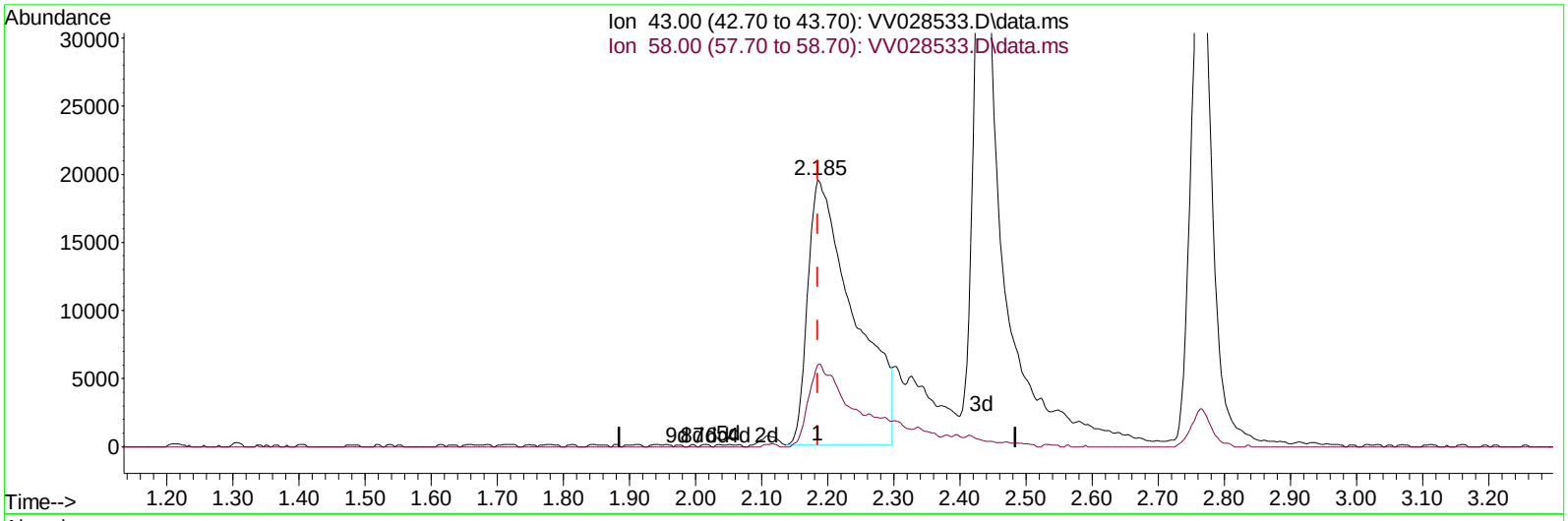
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101222\
Data File : VV028533.D
Acq On : 12 Oct 2022 17:36
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

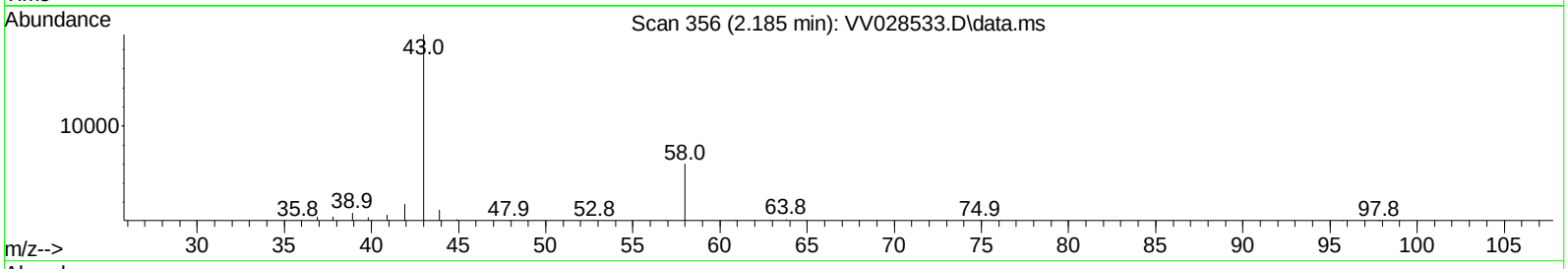
Quant Time: Oct 13 03:02:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 13 02:58:16 2022
Response via : Initial Calibration

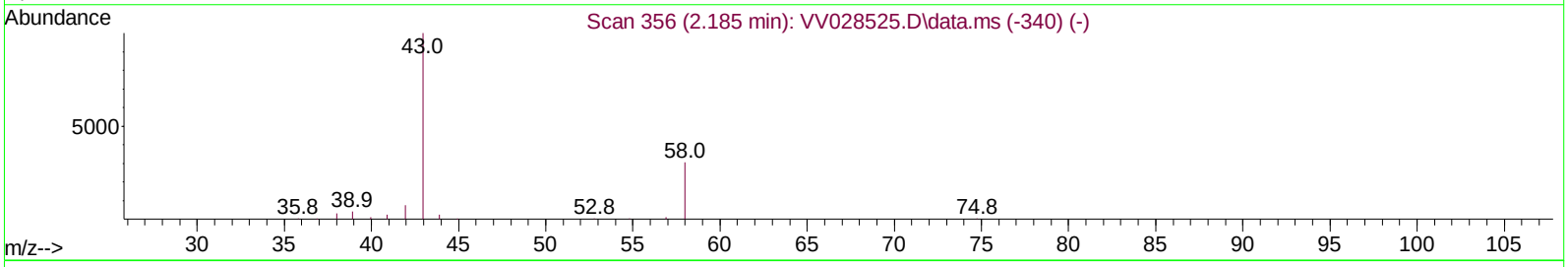
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050EC

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022







TIC: VV028533.D\data.ms

(13) Acetone (T)

2.185min (+ 0.000) 71.51 ug/L

response 94649

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	23.50	12.76
0.00	0.00	0.00
0.00	0.00	0.00

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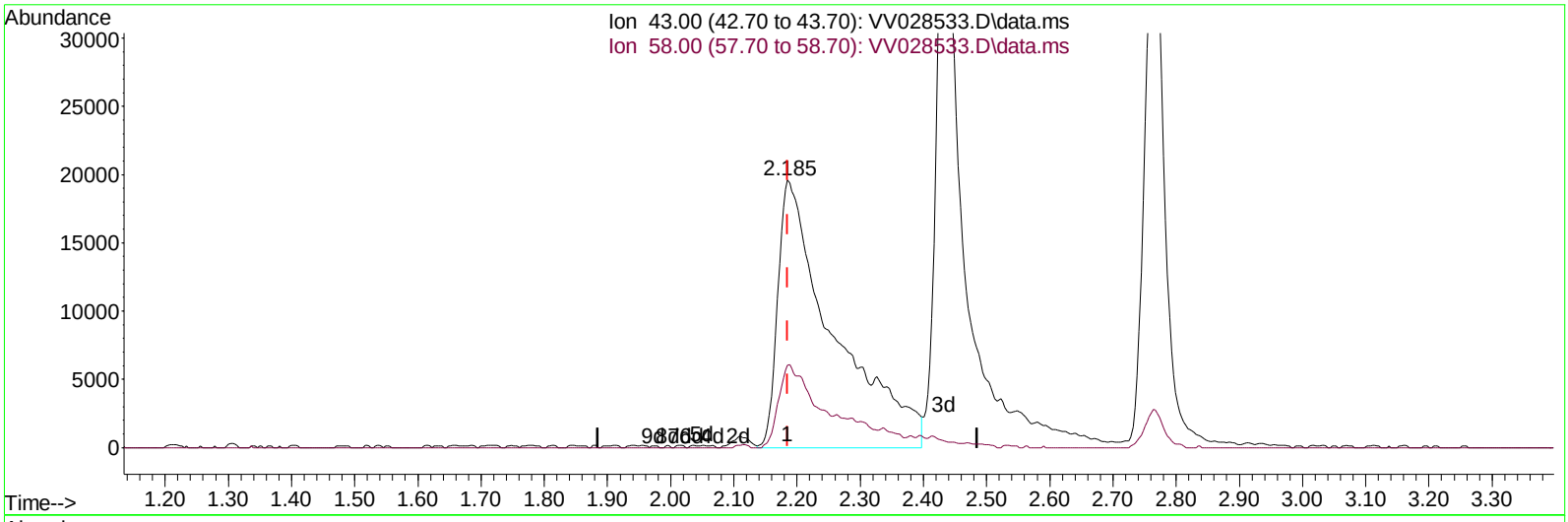

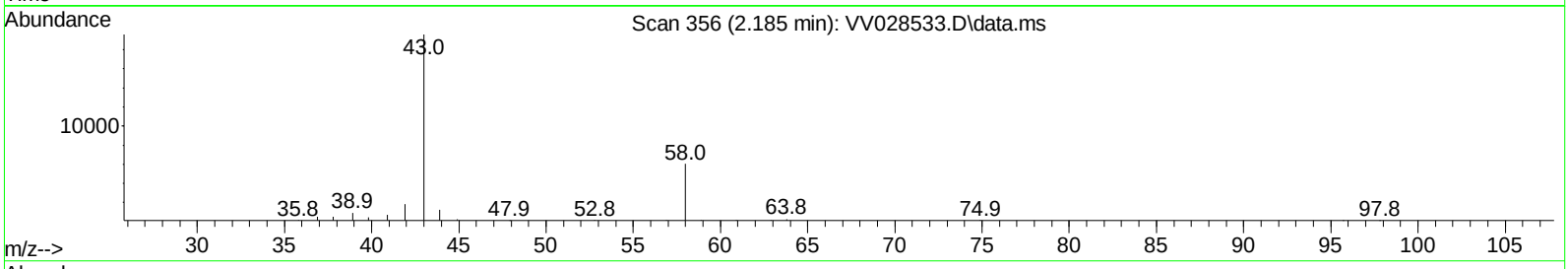

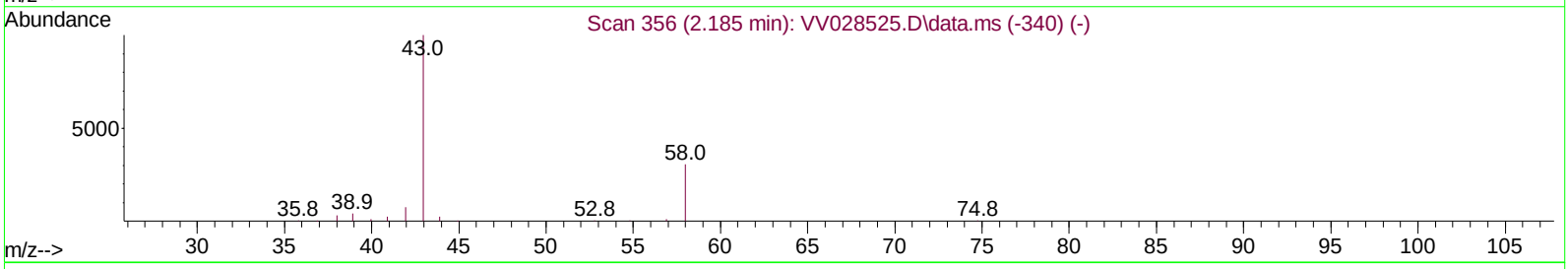

TIC: VV028533.D\data.ms

(13) Acetone (T)

2.185min (+ 0.000) 90.26 ug/L m

response 119462

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	23.50	10.11
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	5.613	114	252940	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	231632	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	128089	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	95022	48.687	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.380%			
7) Chloroethane-d5	1.565	69	73377	47.415	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.840%			
11) 1,1-Dichloroethene-d2	2.105	63	181457	54.628	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.260%			
21) 2-Butanone-d5	3.896	46	144528	84.593	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.590%			
24) Chloroform-d	4.343	84	209225	58.451	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.900%			
26) 1,2-Dichloroethane-d4	5.027	65	147280	63.799	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 127.600%#			
32) Benzene-d6	5.043	84	403346	54.343	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.680%			
36) 1,2-Dichloropropane-d6	6.063	67	117276	48.462	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.920%			
41) Toluene-d8	7.310	98	372128	55.999	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.000%			
43) trans-1,3-Dichloroprop...	7.616	79	68318	55.387	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 110.780%			
47) 2-Hexanone-d5	8.085	63	126289	95.934	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.930%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	157474	47.553	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.100%			
66) 1,2-Dichlorobenzene-d4	11.616	152	144334	54.382	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	120147	63.087	ug/L	100
3) Chloromethane	1.237	50	94116	43.898	ug/L	98
5) Vinyl chloride	1.307	62	98173	45.628	ug/L	100
6) Bromomethane	1.520	94	47154	48.064	ug/L	98
8) Chloroethane	1.581	64	58428	44.734	ug/L	98
9) Trichlorofluoromethane	1.748	101	173797	65.361	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	80331	53.304	ug/L	93
12) 1,1-Dichloroethene	2.114	96	77804	52.589	ug/L	95
13) Acetone	2.185	43	119462m	90.263	ug/L	
14) Carbon disulfide	2.288	76	239232	50.562	ug/L	100
15) Methyl Acetate	2.433	43	98361	44.018	ug/L	99
16) Methylene chloride	2.503	84	108590	56.481	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	91128	52.808	ug/L	96
18) Methyl tert-butyl Ether	2.764	73	374327	59.007	ug/L	95
19) 1,1-Dichloroethane	3.182	63	186843	53.003	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	111272	56.602	ug/L	97
22) 2-Butanone	3.979	43	152493	87.401	ug/L	90
23) Bromochloromethane	4.243	128	54709	57.265	ug/L	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.368	83	204874	59.532	ug/L	100
27) 1,2-Dichloroethane	5.124	62	171069	64.878	ug/L	96
29) Cyclohexane	4.670	56	160653	48.220	ug/L	94
30) 1,1,1-Trichloroethane	4.603	97	191062	63.851	ug/L	99
31) Carbon tetrachloride	4.822	117	161775	64.584	ug/L	99
33) Benzene	5.095	78	411805	54.055	ug/L	100
34) Trichloroethene	5.908	95	102703	54.344	ug/L	92
35) Methylcyclohexane	6.127	83	169195	51.496	ug/L	97
37) 1,2-Dichloropropane	6.169	63	102374	50.124	ug/L	99
38) Bromodichloromethane	6.503	83	156142	58.681	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	175461	54.002	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	356558	102.360	ug/L	98
42) Toluene	7.381	91	441557	56.232	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	178426	57.217	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	102192	54.020	ug/L	97
46) Tetrachloroethene	7.969	164	80665	59.402	ug/L	97
48) 2-Hexanone	8.133	43	263308	98.465	ug/L	97
49) Dibromochloromethane	8.239	129	117092	57.584	ug/L	96
50) 1,2-Dibromoethane	8.346	107	101467	51.801	ug/L	99
51) Chlorobenzene	8.876	112	276469	56.117	ug/L	98
52) Ethylbenzene	9.005	91	484061	56.558	ug/L	99
53) m,p-Xylene	9.130	106	184341	56.825	ug/L	97
54) o-Xylene	9.535	106	185928	57.241	ug/L	99
55) Styrene	9.555	104	319619	57.299	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	160430	49.519	ug/L	99
59) Bromoform	9.725	173	84715	53.408	ug/L	99
60) Isopropylbenzene	9.924	105	502949	54.491	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	132864	48.724	ug/L	96
62) 1,3,5-Trimethylbenzene	10.532	105	437887	54.777	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	431651	54.400	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	226526	56.112	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	220267	54.681	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	226284	55.537	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	42654	51.115	ug/L	97
69) 1,3,5-Trichlorobenzene	12.635	180	177752	57.972	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	159764	59.116	ug/L	99
71) Naphthalene	13.490	128	480059	57.111	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	160088	60.757	ug/L	98

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

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