Quantitation Report (Qedit)

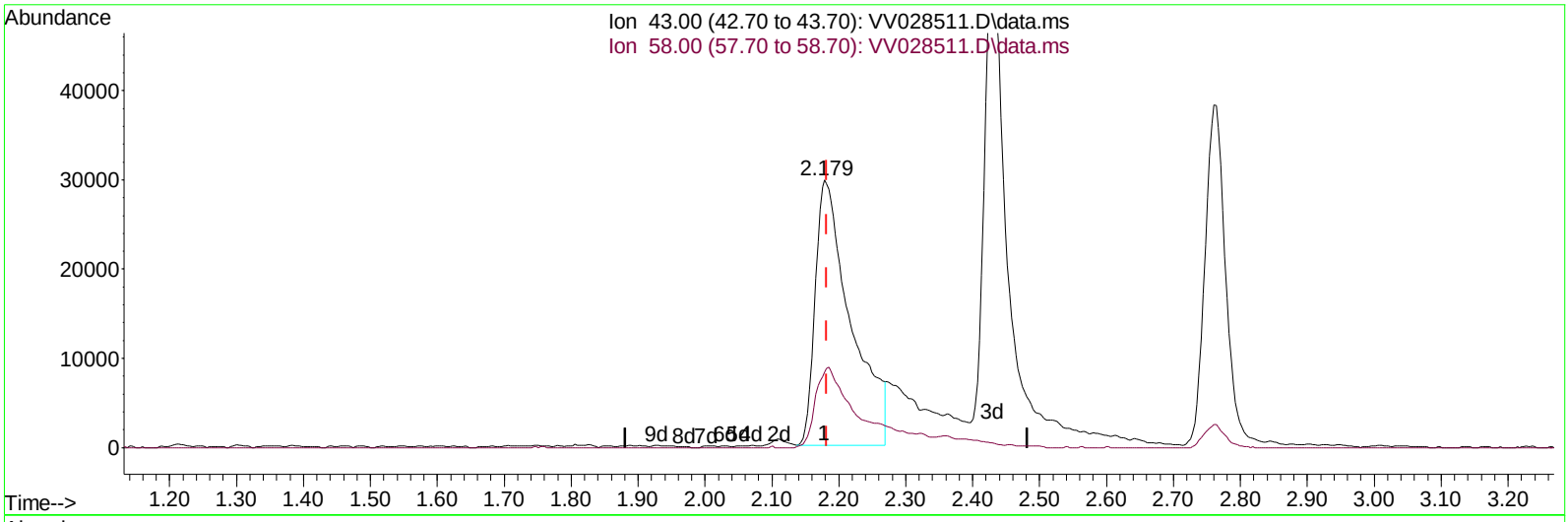
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101122\
Data File : VV028511.D
Acq On : 11 Oct 2022 10:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

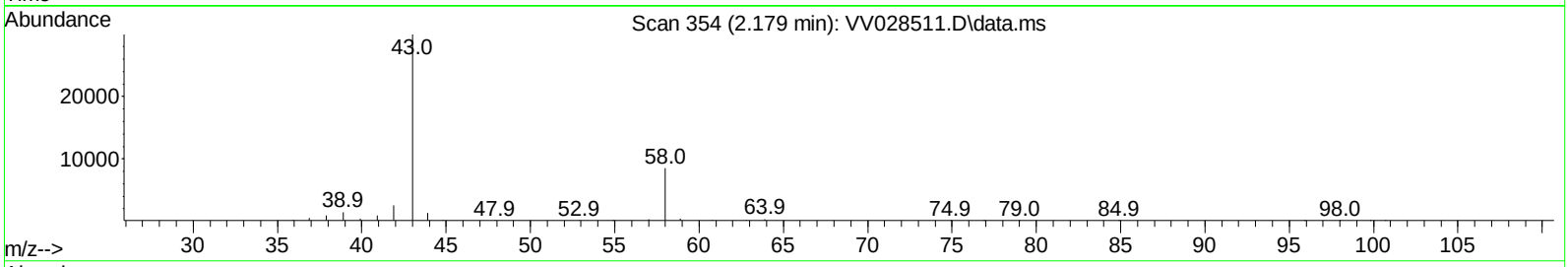
Quant Time: Oct 12 00:22:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 11 02:53:11 2022
Response via : Initial Calibration

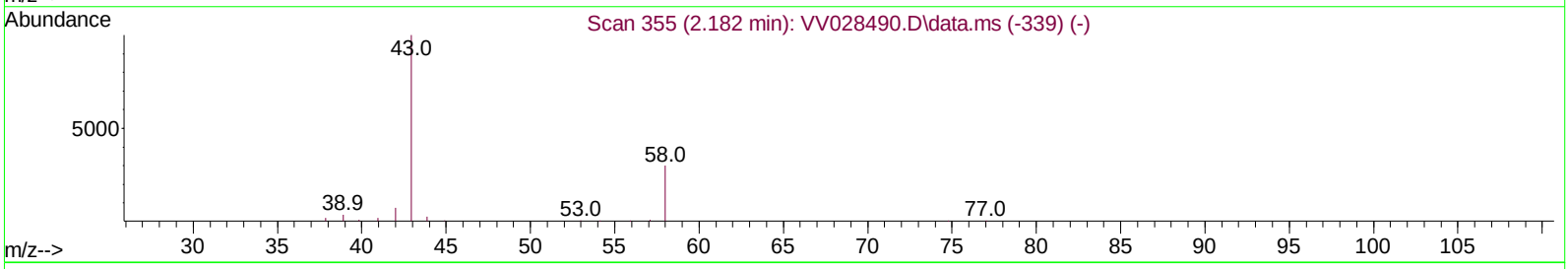
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022







TIC: VV028511.D\data.ms

(13) Acetone (T)

2.179min (-0.003) 69.19 ug/L

response 109160

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	23.50	34.46
0.00	0.00	0.00
0.00	0.00	0.00

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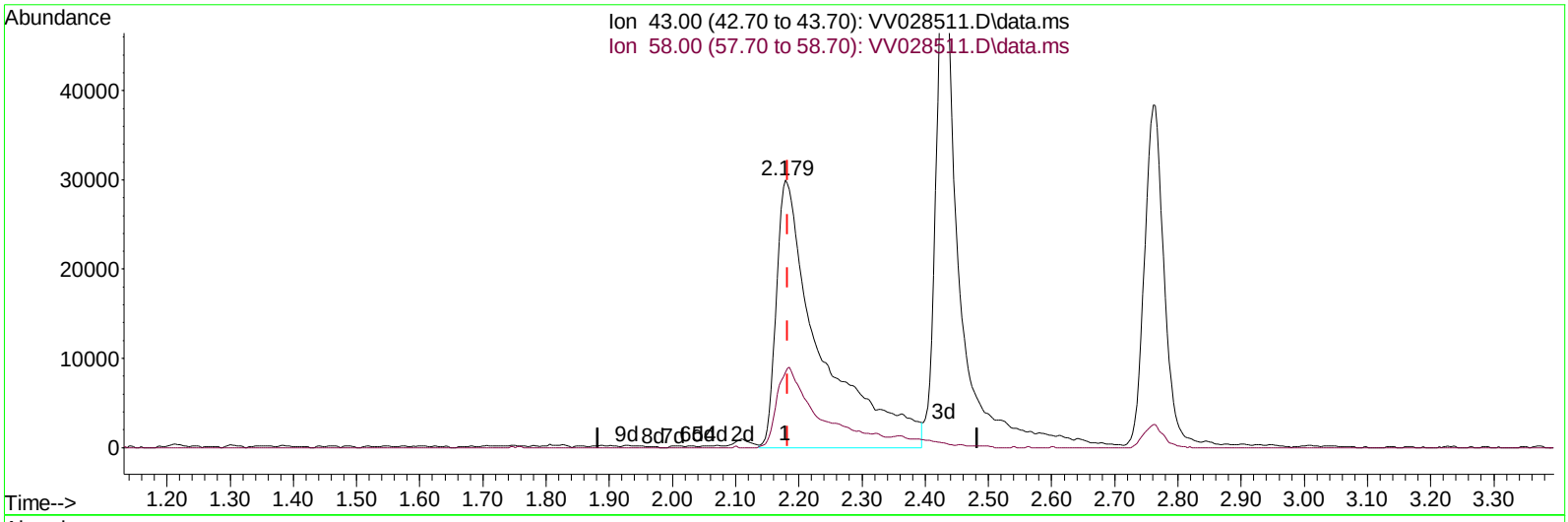

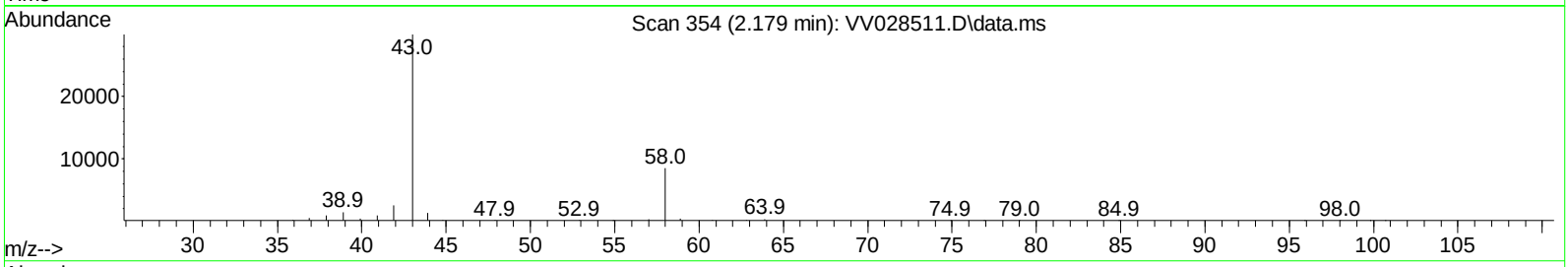

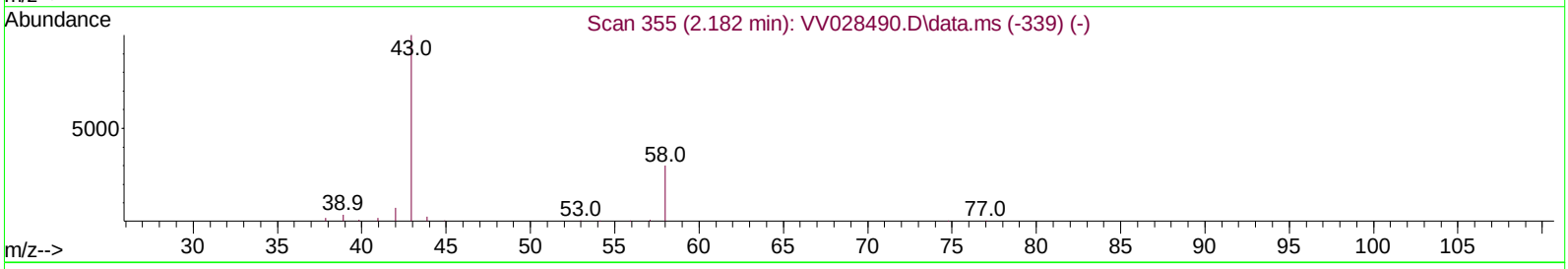

TIC: VV028511.D\data.ms

(13) Acetone (T)

2.179min (-0.003) 92.57 ug/L m

response 146048

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	23.50	25.75
0.00	0.00	0.00
0.00	0.00	0.00

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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	5.609	114	301521	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	269567	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	144971	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	111842	48.072	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.140%			
7) Chloroethane-d5	1.564	69	83327	45.169	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.340%			
11) 1,1-Dichloroethene-d2	2.101	63	187778	47.423	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.840%			
21) 2-Butanone-d5	3.886	46	165857	81.436	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 81.440%			
24) Chloroform-d	4.339	84	226448	53.070	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.140%			
26) 1,2-Dichloroethane-d4	5.024	65	148811	54.076	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.160%			
32) Benzene-d6	5.040	84	450419	52.145	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.280%			
36) 1,2-Dichloropropane-d6	6.063	67	131733	46.775	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.560%			
41) Toluene-d8	7.307	98	411806	53.249	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.500%			
43) trans-1,3-Dichloroprop...	7.612	79	73771	51.391	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.780%			
47) 2-Hexanone-d5	8.082	63	132074	86.209	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.210%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	169406	43.958	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.920%			
66) 1,2-Dichlorobenzene-d4	11.616	152	152798	50.867	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	132949	58.562	ug/L	100
3) Chloromethane	1.236	50	104822	41.014	ug/L	100
5) Vinyl chloride	1.307	62	108418	42.271	ug/L	99
6) Bromomethane	1.519	94	50032	42.780	ug/L	97
8) Chloroethane	1.581	64	65776	42.246	ug/L	99
9) Trichlorofluoromethane	1.748	101	177096	55.871	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	85129	47.387	ug/L	92
12) 1,1-Dichloroethene	2.111	96	83001	47.063	ug/L	96
13) Acetone	2.179	43	146048m	92.571	ug/L	
14) Carbon disulfide	2.288	76	283257	50.221	ug/L	98
15) Methyl Acetate	2.429	43	108043	40.560	ug/L	96
16) Methylene chloride	2.500	84	114596	50.001	ug/L	96
17) trans-1,2-Dichloroethene	2.751	96	106244	51.648	ug/L	93
18) Methyl tert-butyl Ether	2.761	73	398737	52.728	ug/L	97
19) 1,1-Dichloroethane	3.182	63	210770	50.157	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	123346	52.634	ug/L	92
22) 2-Butanone	3.970	43	194810	93.665	ug/L	96
23) Bromochloromethane	4.236	128	60849	53.430	ug/L	90

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	4.365	83	217868	53.107 ug/L	100
27) 1,2-Dichloroethane	5.124	62	172348	54.831 ug/L	98
29) Cyclohexane	4.667	56	188606	48.644 ug/L	95
30) 1,1,1-Trichloroethane	4.600	97	200214	57.493 ug/L	98
31) Carbon tetrachloride	4.818	117	174139	59.737 ug/L	99
33) Benzene	5.092	78	455383	51.364 ug/L	100
34) Trichloroethene	5.905	95	113505	51.608 ug/L	97
35) Methylcyclohexane	6.124	83	198446	51.899 ug/L	96
37) 1,2-Dichloropropane	6.166	63	116234	48.902 ug/L	98
38) Bromodichloromethane	6.503	83	162600	52.508 ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	196687	52.016 ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	363449	89.655 ug/L	99
42) Toluene	7.381	91	480509	52.581 ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	191644	52.808 ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	111789	50.777 ug/L	96
46) Tetrachloroethene	7.969	164	91293	57.768 ug/L	94
48) 2-Hexanone	8.133	43	277706	89.234 ug/L	99
49) Dibromochloromethane	8.239	129	126539	53.472 ug/L	100
50) 1,2-Dibromoethane	8.346	107	113546	49.810 ug/L	99
51) Chlorobenzene	8.873	112	305599	53.301 ug/L	97
52) Ethylbenzene	9.005	91	526501	52.860 ug/L	99
53) m,p-Xylene	9.130	106	198831	52.667 ug/L	100
54) o-Xylene	9.535	106	201630	53.340 ug/L	99
55) Styrene	9.551	104	346741	53.414 ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	173014	45.888 ug/L	98
59) Bromoform	9.722	173	90906	50.637 ug/L	99
60) Isopropylbenzene	9.921	105	542306	51.913 ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	139124	45.078 ug/L	96
62) 1,3,5-Trimethylbenzene	10.529	105	472835	52.261 ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	464227	51.692 ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	246174	53.878 ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	242763	53.247 ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	243400	52.781 ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	42479	44.977 ug/L	96
69) 1,3,5-Trichlorobenzene	12.635	180	196807	56.712 ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	173004	56.561 ug/L	99
71) Naphthalene	13.490	128	485919	51.076 ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	169992	57.003 ug/L	98

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

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