Quantitation Report (Qedit)

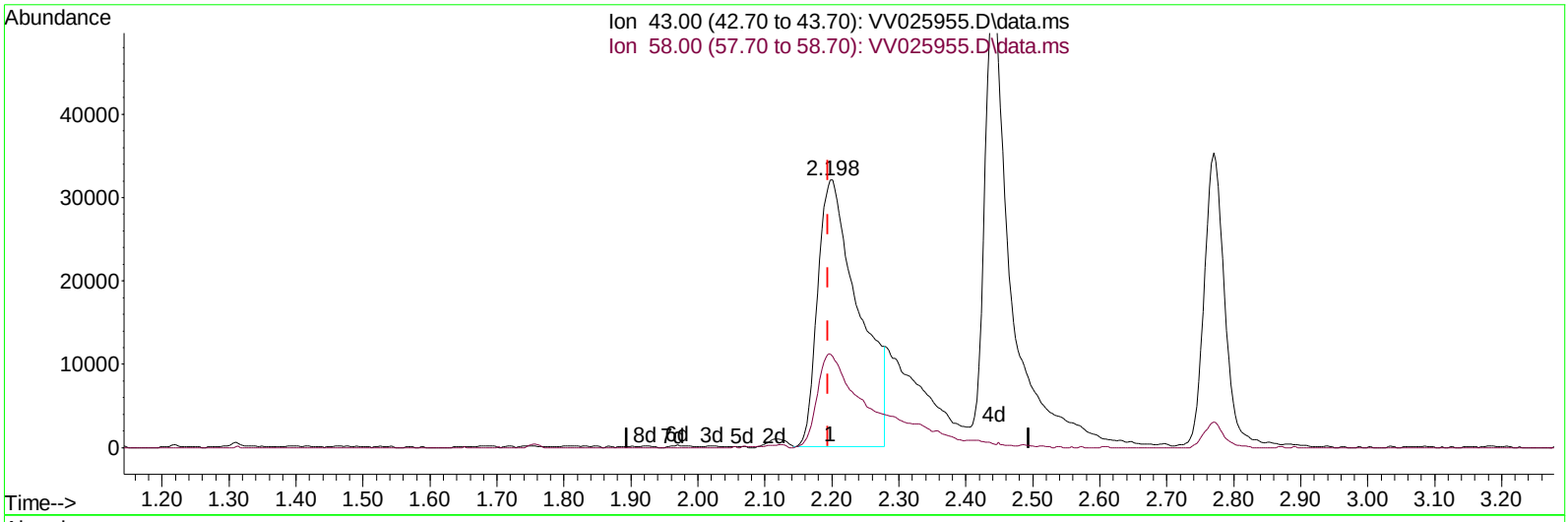
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052622\
Data File : VV025955.D
Acq On : 26 May 2022 12:39
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

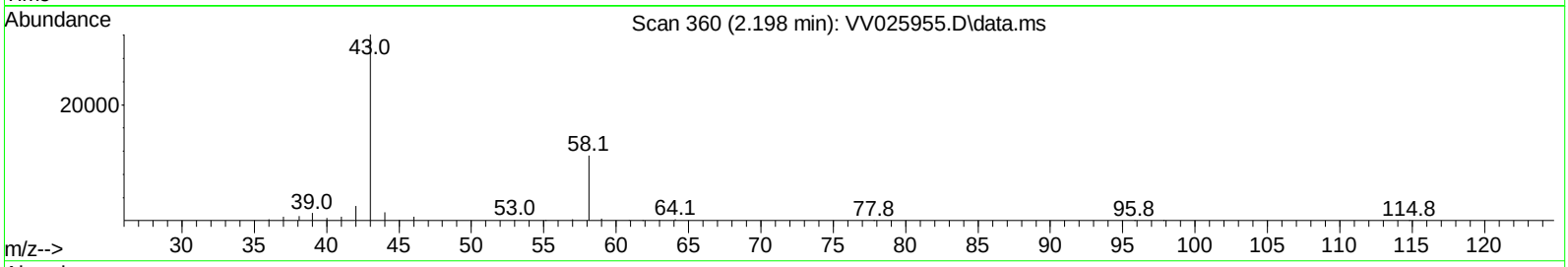
Quant Time: May 27 01:21:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 13 07:07:32 2022
Response via : Initial Calibration

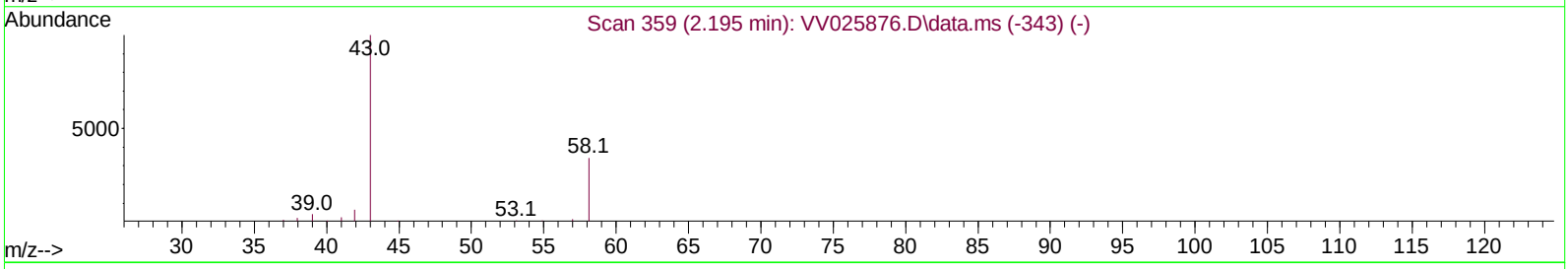
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022







TIC: VV025955.D\data.ms

(13) Acetone (T)

2.198min (+ 0.003) 91.94 ug/L

response 134948

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	32.50	36.79
0.00	0.00	0.00
0.00	0.00	0.00

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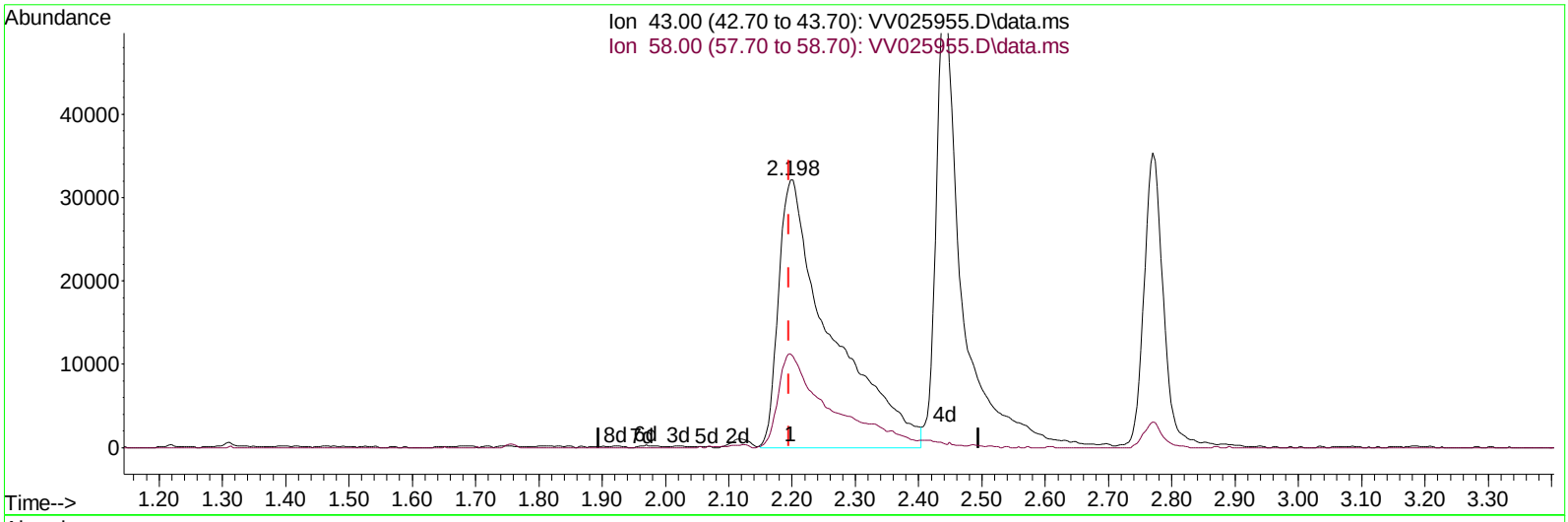

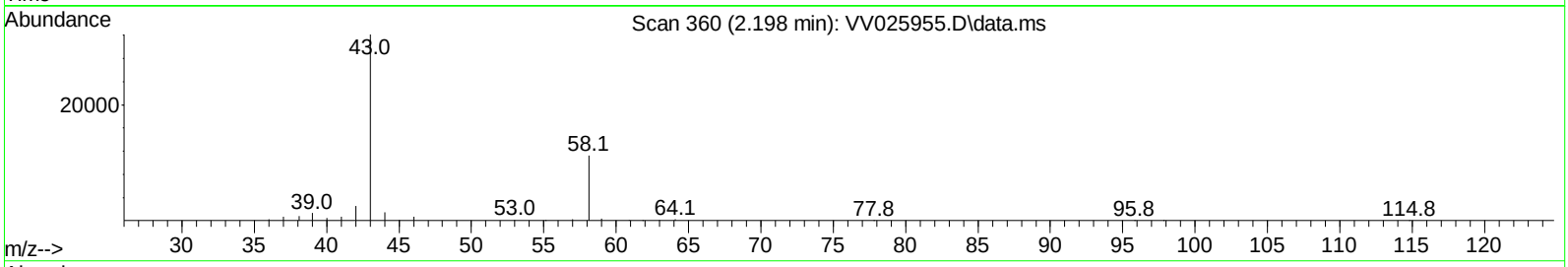

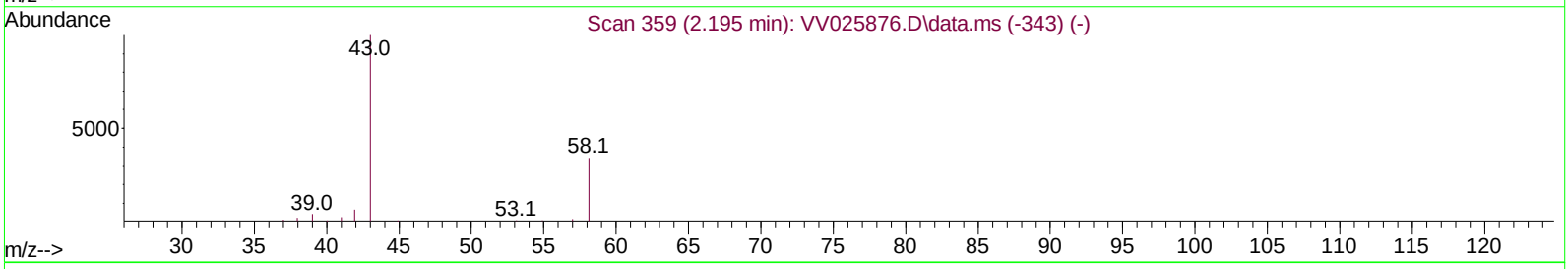

TIC: VV025955.D\data.ms

(13) Acetone (T)

2.198min (+ 0.003) 125.80 ug/L m

response 184654

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	32.50	26.88
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	5.612	114	388851	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	391119	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	222790	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	165412	32.960	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.920%		
7) Chloroethane-d5	1.571	69	139859	31.735	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	63.460%#		
11) 1,1-Dichloroethene-d2	2.111	63	330288	37.630	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.260%		
21) 2-Butanone-d5	3.902	46	180587	83.956	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.960%		
24) Chloroform-d	4.346	84	289286	41.271	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.540%		
26) 1,2-Dichloroethane-d4	5.030	65	176502	41.664	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.320%		
32) Benzene-d6	5.047	84	564392	41.393	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.780%		
36) 1,2-Dichloropropane-d6	6.066	67	177921	42.485	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.980%		
41) Toluene-d8	7.313	98	517115	41.162	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.320%		
43) trans-1,3-Dichloroprop...	7.619	79	76232	40.778	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.560%		
47) 2-Hexanone-d5	8.088	63	136740	89.060	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.060%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	251010	44.946	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.900%		
66) 1,2-Dichlorobenzene-d4	11.622	152	204737	41.894	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.780%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.134	85	190102	47.285	ug/L	100
3) Chloromethane	1.243	50	204049	41.966	ug/L	99
5) Vinyl chloride	1.314	62	219280	44.359	ug/L	99
6) Bromomethane	1.526	94	119163	39.671	ug/L	100
8) Chloroethane	1.587	64	139947	37.908	ug/L	98
9) Trichlorofluoromethane	1.754	101	303773	43.242	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	174194	46.671	ug/L	98
12) 1,1-Dichloroethene	2.121	96	166104	45.248	ug/L	85
13) Acetone	2.198	43	184654m	125.801	ug/L	
14) Carbon disulfide	2.294	76	418484	46.089	ug/L	99
15) Methyl Acetate	2.442	43	140374	44.638	ug/L	97
16) Methylene chloride	2.506	84	167806	47.193	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	146649	46.498	ug/L	100
18) Methyl tert-butyl Ether	2.770	73	422204	46.028	ug/L	99
19) 1,1-Dichloroethane	3.188	63	271937	46.163	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	148978	43.761	ug/L	97
22) 2-Butanone	3.986	43	198292	101.299	ug/L	86
23) Bromochloromethane	4.243	128	82119	45.668	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.371	83	278240	44.573	ug/L	100
27) 1,2-Dichloroethane	5.127	62	204787	43.391	ug/L	97
29) Cyclohexane	4.677	56	230072	48.589	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	243567	45.854	ug/L	98
31) Carbon tetrachloride	4.825	117	205656	46.116	ug/L	100
33) Benzene	5.095	78	620216	47.095	ug/L	100
34) Trichloroethene	5.911	95	155566	45.163	ug/L	97
35) Methylcyclohexane	6.127	83	259397	50.281	ug/L	99
37) 1,2-Dichloropropane	6.169	63	157545	47.622	ug/L	100
38) Bromodichloromethane	6.506	83	201731	45.093	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	213092	45.169	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	358271	92.648	ug/L	99
42) Toluene	7.384	91	675908	47.843	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	210627	46.407	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	153583	45.690	ug/L	99
46) Tetrachloroethene	7.972	164	123602	48.646	ug/L	98
48) 2-Hexanone	8.140	43	301631	100.249	ug/L	99
49) Dibromochloromethane	8.243	129	147944	44.620	ug/L	99
50) 1,2-Dibromoethane	8.349	107	156132	45.675	ug/L	97
51) Chlorobenzene	8.879	112	422370	46.688	ug/L	99
52) Ethylbenzene	9.008	91	696456	47.783	ug/L	100
53) m,p-Xylene	9.136	106	274984	48.640	ug/L	99
54) o-Xylene	9.542	106	266980	48.074	ug/L	100
55) Styrene	9.558	104	485011	50.121	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	233481	46.553	ug/L	99
59) Bromoform	9.728	173	88766	41.303	ug/L	100
60) Isopropylbenzene	9.927	105	695786	46.625	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	185152	41.987	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	453645	58.975	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	572442	47.965	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	329579	46.657	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	339907	45.916	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	328223	44.922	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	42159	41.410	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	228337	46.815	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	194103	46.735	ug/L	100
71) Naphthalene	13.500	128	560068	45.534	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	200085	47.275	ug/L	100

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

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