Quantitation Report (Qedit)

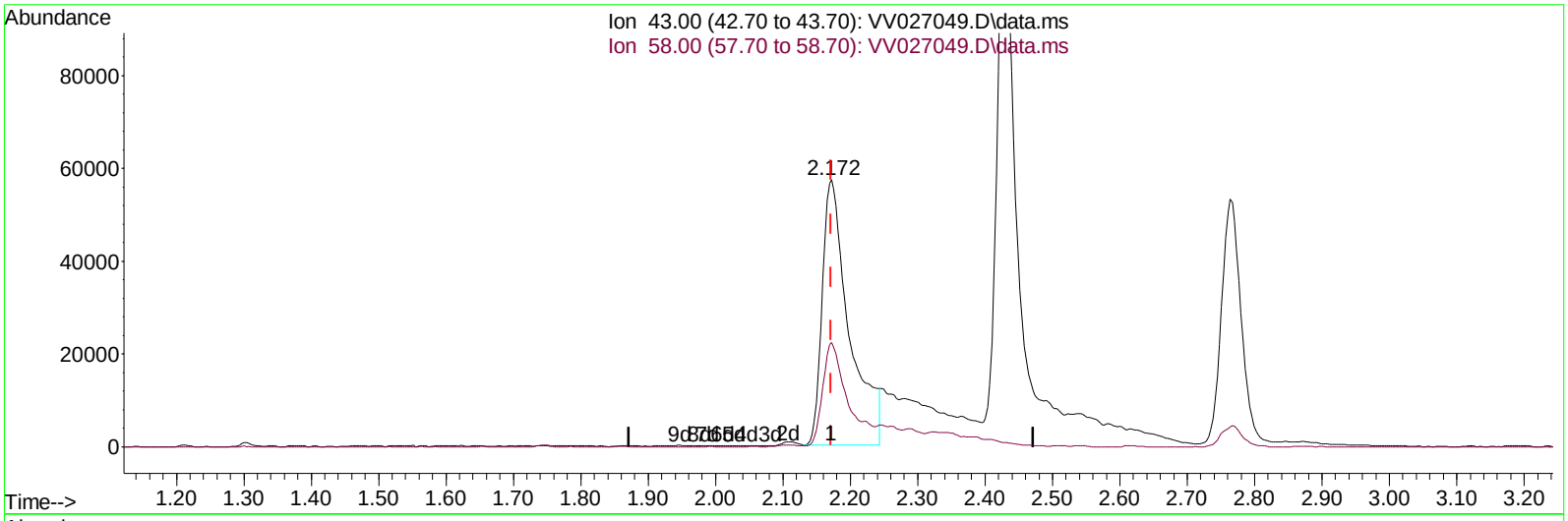
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072822\
Data File : VV027049.D
Acq On : 28 Jul 2022 20:48
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

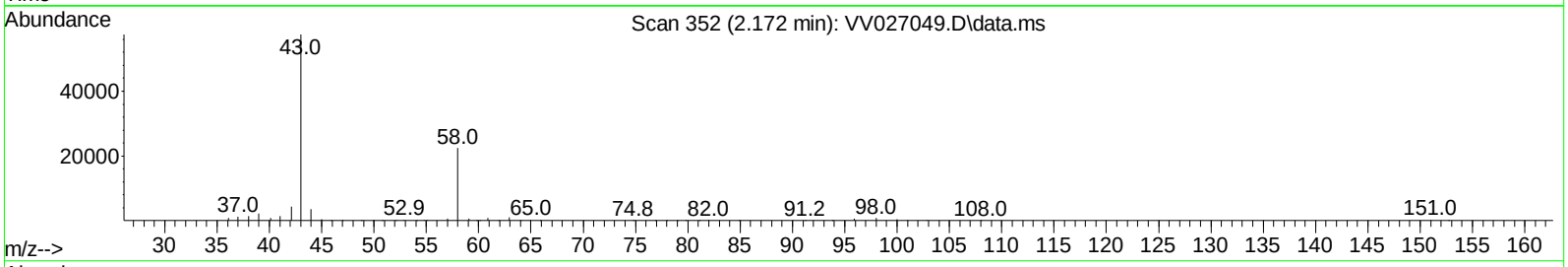
Quant Time: Jul 29 02:05:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 29 01:53:08 2022
Response via : Initial Calibration

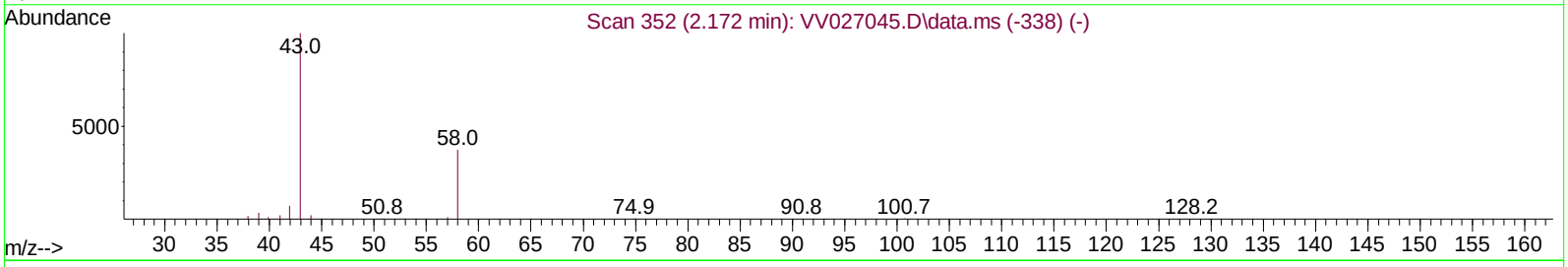
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 07/29/2022
Supervised By :Mahesh Dadoda 08/01/2022







TIC: VV027049.D\data.ms

(13) Acetone (T)

2.172min (+ 0.000) 68.32 ug/L

response 158875

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	24.80	32.78
0.00	0.00	0.00
0.00	0.00	0.00

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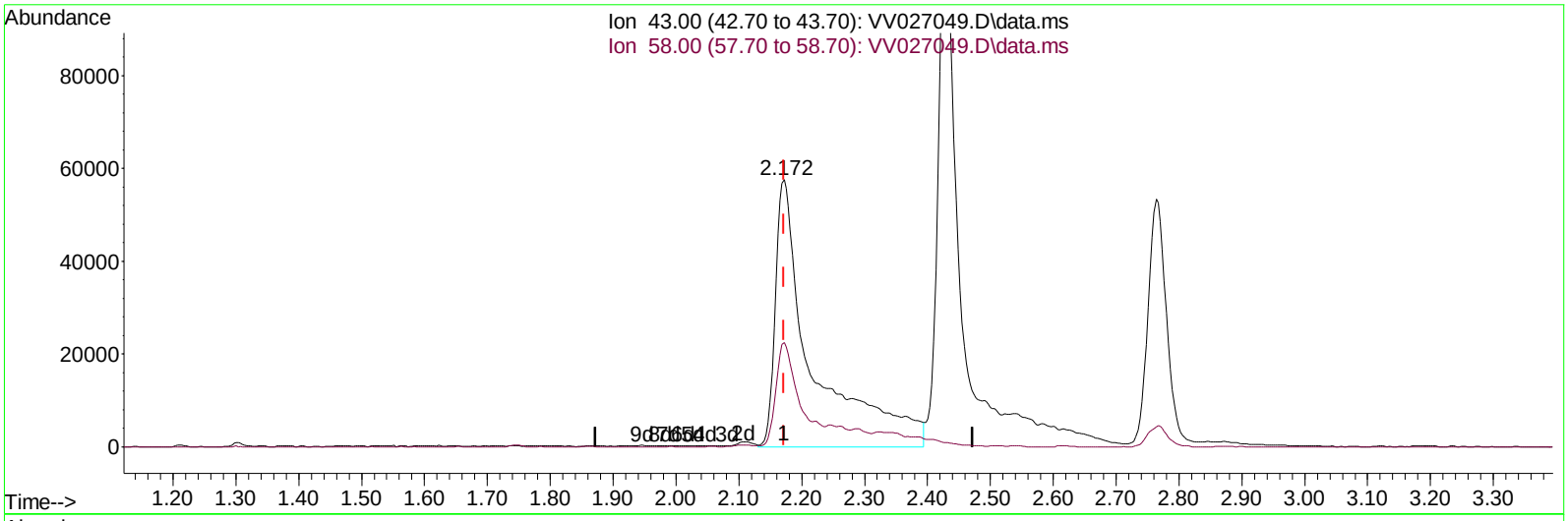

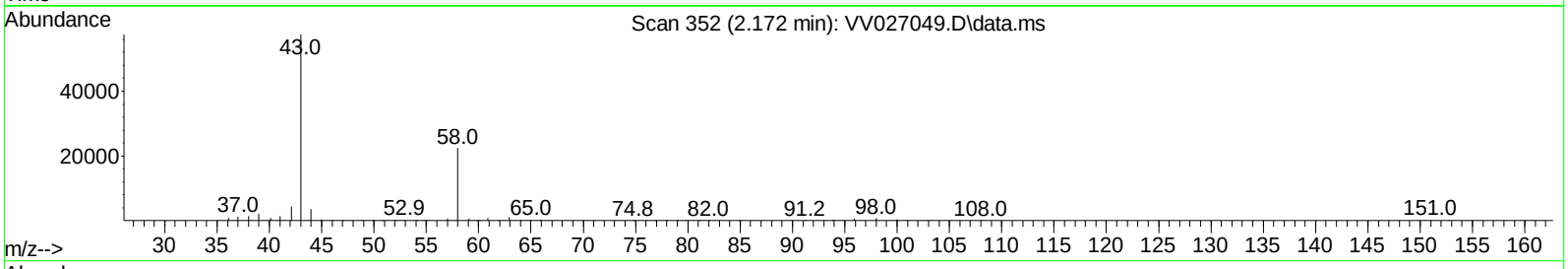

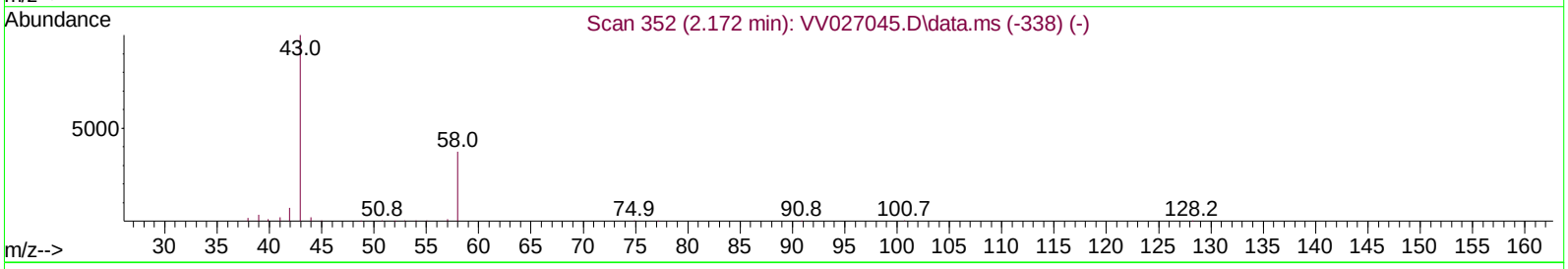

TIC: VV027049.D\data.ms

(13) Acetone (T)

2.172min (+ 0.000) 102.26 ug/L m

response 237805

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	24.80	21.90
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	578758	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	561240	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	302859	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	257407	46.749	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.500%			
7) Chloroethane-d5	1.561	69	213676	48.979	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.960%			
11) 1,1-Dichloroethene-d2	2.101	63	450342	48.042	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.080%			
21) 2-Butanone-d5	3.883	46	316842	100.917	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.920%			
24) Chloroform-d	4.342	84	492023	49.615	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.220%			
26) 1,2-Dichloroethane-d4	5.027	65	281960	50.086	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.180%			
32) Benzene-d6	5.047	84	1004203	50.952	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.900%			
36) 1,2-Dichloropropane-d6	6.066	67	310784	51.520	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.040%			
41) Toluene-d8	7.313	98	936491	52.570	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.140%			
43) trans-1,3-Dichloroprop...	7.619	79	136959	51.398	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.800%			
47) 2-Hexanone-d5	8.088	63	295066	113.784	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.780%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	467868	51.441	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.880%			
66) 1,2-Dichlorobenzene-d4	11.622	152	335749	49.315	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	293396	48.846	ug/L	99
3) Chloromethane	1.236	50	279165	50.828	ug/L	100
5) Vinyl chloride	1.307	62	299814	51.462	ug/L	98
6) Bromomethane	1.516	94	181415	50.705	ug/L	99
8) Chloroethane	1.581	64	177196	51.802	ug/L	100
9) Trichlorofluoromethane	1.748	101	373390	49.957	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	211330	48.979	ug/L	99
12) 1,1-Dichloroethene	2.111	96	212241	50.345	ug/L	96
13) Acetone	2.172	43	237805m	102.263	ug/L	
14) Carbon disulfide	2.288	76	662879	49.563	ug/L	100
15) Methyl Acetate	2.429	43	200466	51.874	ug/L	100
16) Methylene chloride	2.500	84	266691	49.630	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	235726	51.074	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	680507	53.680	ug/L	100
19) 1,1-Dichloroethane	3.185	63	421939	52.352	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	251302	52.653	ug/L	99
22) 2-Butanone	3.966	43	258988	100.953	ug/L	91
23) Bromochloromethane	4.243	128	138694	53.945	ug/L	98

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Supervised By :Mahesh Dadoda 08/01/2022

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	4.368	83	439571	51.731 ug/L	100
27) 1,2-Dichloroethane	5.127	62	302192	51.681 ug/L	100
29) Cyclohexane	4.674	56	320990	53.231 ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	377963	52.469 ug/L	99
31) Carbon tetrachloride	4.825	117	322139	51.370 ug/L	99
33) Benzene	5.095	78	977518	54.045 ug/L	100
34) Trichloroethene	5.912	95	240541	51.672 ug/L	99
35) Methylcyclohexane	6.127	83	359385	51.749 ug/L	99
37) 1,2-Dichloropropane	6.169	63	251417	55.541 ug/L	100
38) Bromodichloromethane	6.506	83	324690	54.002 ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	361933	55.735 ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	672956	117.536 ug/L	99
42) Toluene	7.384	91	1026222	55.030 ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	343141	54.351 ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	261396	53.936 ug/L	98
46) Tetrachloroethene	7.973	164	183307	50.344 ug/L	99
48) 2-Hexanone	8.140	43	538589	119.368 ug/L	100
49) Dibromochloromethane	8.243	129	268264	53.824 ug/L	99
50) 1,2-Dibromoethane	8.349	107	275007	54.114 ug/L	99
51) Chlorobenzene	8.879	112	660380	52.509 ug/L	99
52) Ethylbenzene	9.011	91	1030329	54.565 ug/L	99
53) m,p-Xylene	9.136	106	413213	55.636 ug/L	99
54) o-Xylene	9.542	106	403893	56.469 ug/L	100
55) Styrene	9.558	104	731507	58.438 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	425903	54.507 ug/L	100
59) Bromoform	9.728	173	180022	52.328 ug/L	99
60) Isopropylbenzene	9.931	105	1012715	53.584 ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	329900	51.939 ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	432250	53.434 ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	351264	54.414 ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	484263	52.782 ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	497625	51.470 ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	509651	53.191 ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	88117	52.913 ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	327503	52.629 ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	280756	52.712 ug/L	99
71) Naphthalene	13.500	128	1020390	55.059 ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	312481	54.090 ug/L	98

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

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