Quantitation Report (Qedit)

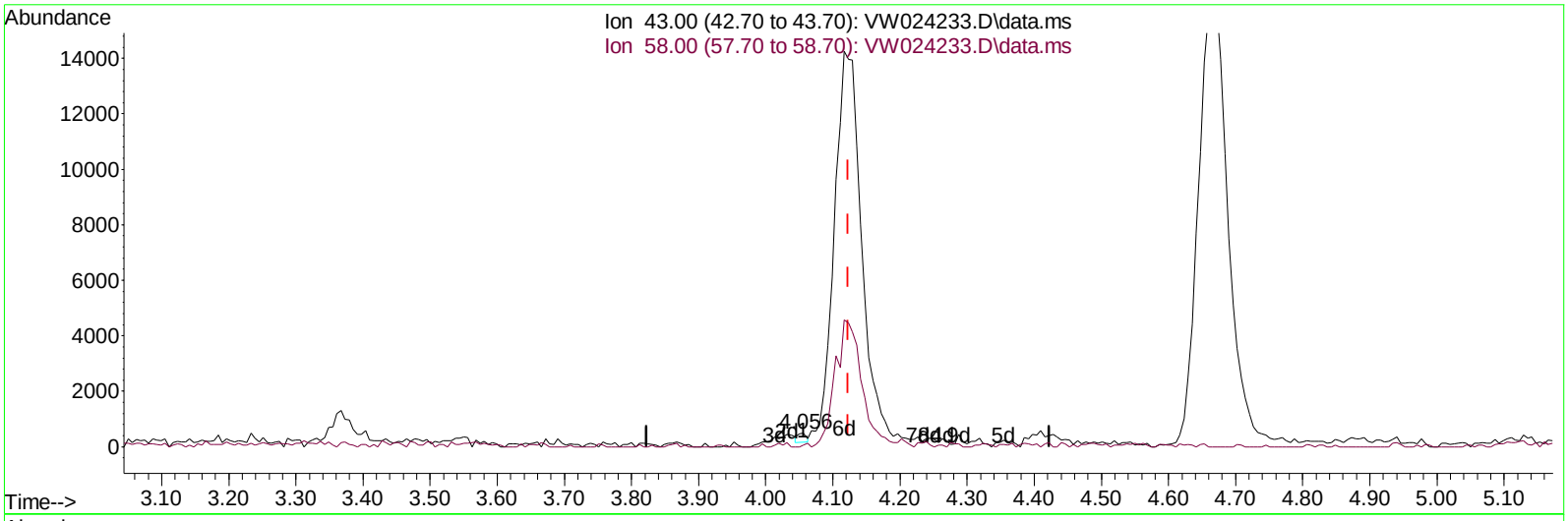
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081222\
Data File : VW024233.D
Acq On : 12 Aug 2022 15:02
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

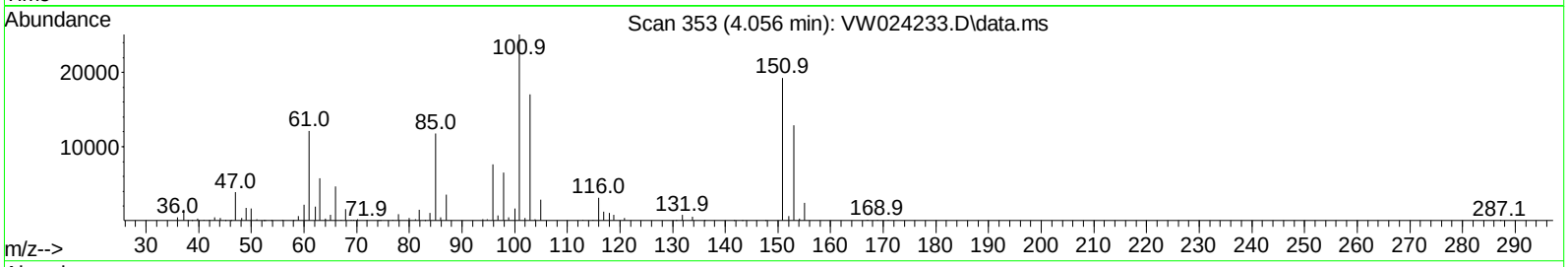
Quant Time: Aug 12 23:05:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 12 23:04:35 2022
Response via : Initial Calibration

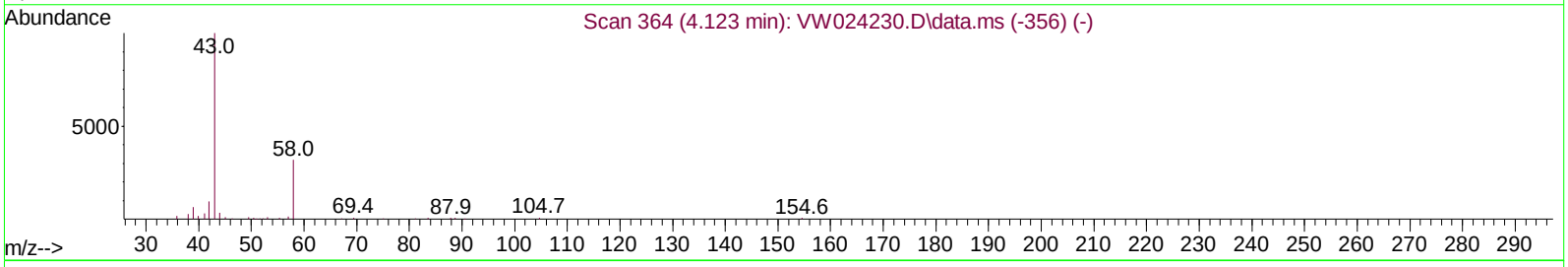
Instrument :
MSVOA_W
LabSampleId :
VSTDCCC025EC

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022







TIC: VW024233.D\data.ms

(13) Acetone (T)

4.056min (-0.067) 0.33 ug/L

response 275

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	15.90	23.27
0.00	0.00	0.00
0.00	0.00	0.00

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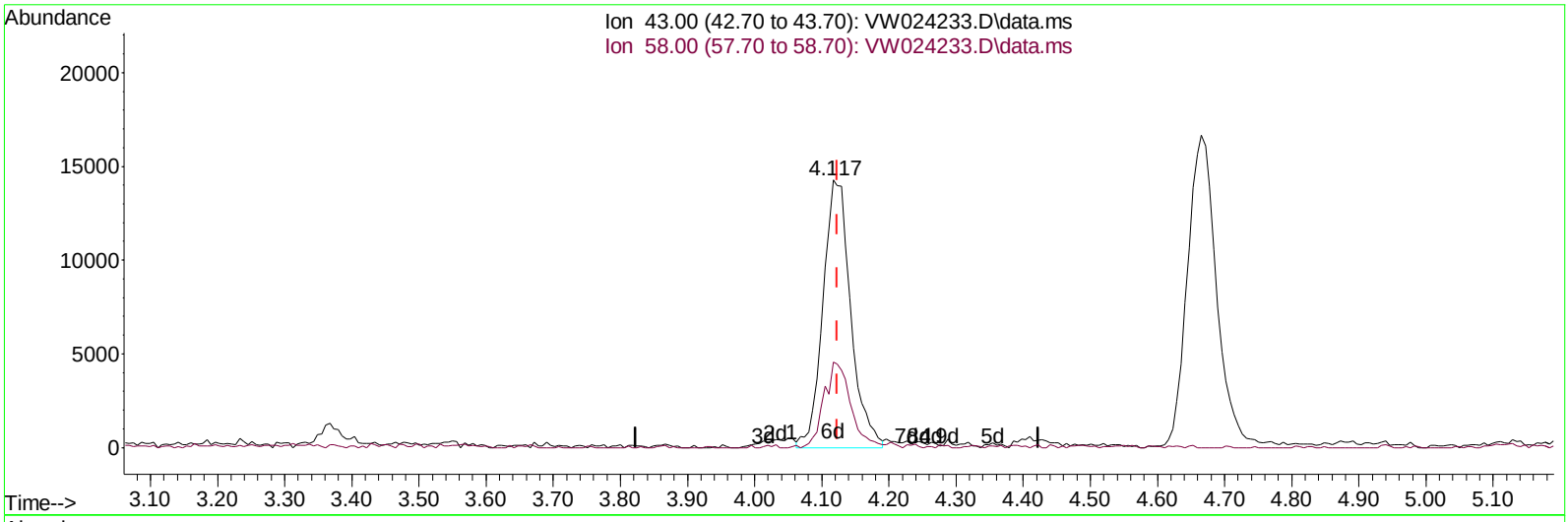

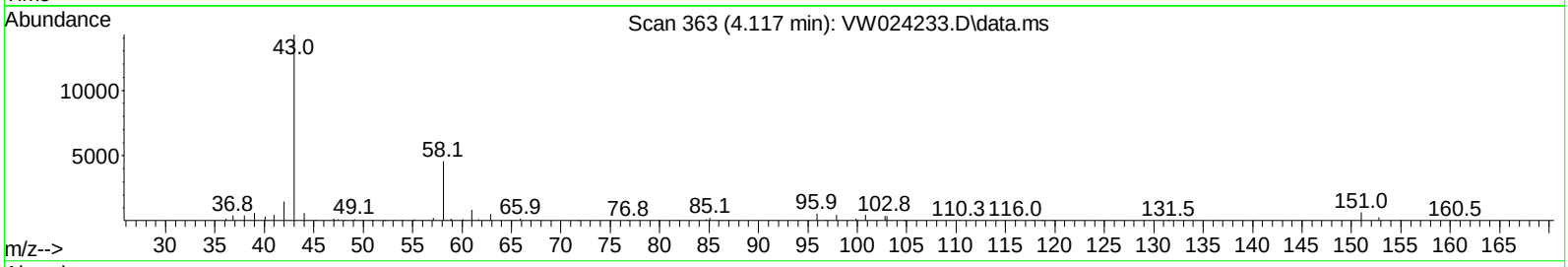

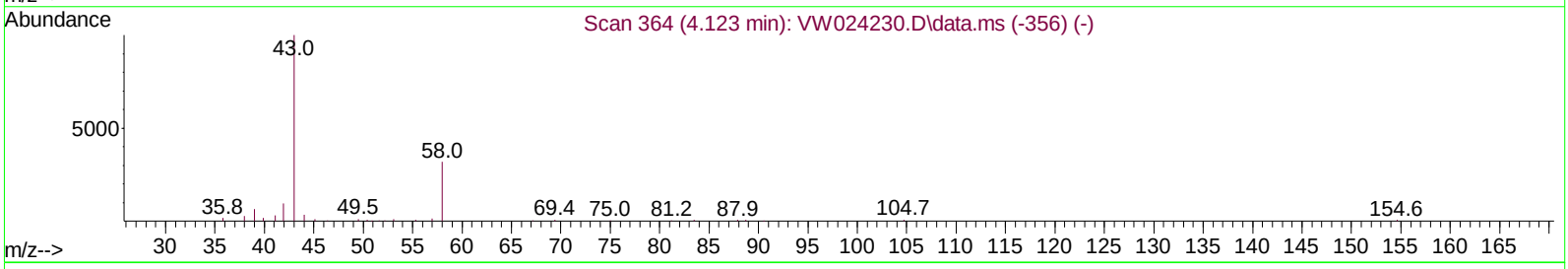

TIC: VW024233.D\data.ms

(13) Acetone (T)

4.117min (-0.006) 48.83 ug/L m

response 40904

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	15.90	0.16
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	292594	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	289644	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	174657	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	118421	19.363	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.440%			
7) Chloroethane-d5	2.867	69	79033	20.744	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.960%			
11) 1,1-Dichloroethene-d2	4.007	63	146786	21.059	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.240%			
21) 2-Butanone-d5	7.074	46	60688	53.336	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.680%			
24) Chloroform-d	7.641	84	202195	22.839	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.360%			
26) 1,2-Dichloroethane-d4	8.299	65	111040	22.591	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.360%			
32) Benzene-d6	8.269	84	356827	20.889	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 83.560%			
36) 1,2-Dichloropropane-d6	9.268	67	110129	21.836	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.360%			
41) Toluene-d8	10.317	98	340473	21.324	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.280%			
43) trans-1,3-Dichloroprop...	10.573	79	48202	21.820	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.280%			
47) 2-Hexanone-d5	10.921	63	49499	53.135	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.260%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	119710	24.464	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.840%			
66) 1,2-Dichlorobenzene-d4	13.847	152	145709	22.798	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	64753	25.155	ug/L	92
3) Chloromethane	2.203	50	130227	26.974	ug/L	99
5) Vinyl chloride	2.343	62	177918	26.474	ug/L	98
6) Bromomethane	2.757	94	93094	24.159	ug/L	95
8) Chloroethane	2.904	64	77684	26.389	ug/L	93
9) Trichlorofluoromethane	3.239	101	73426	23.048	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.038	101	116509	27.116	ug/L	96
12) 1,1-Dichloroethene	4.019	96	93768	26.657	ug/L	87
13) Acetone	4.117	43	40904m	48.827	ug/L	
14) Carbon disulfide	4.367	76	258878	22.999	ug/L	98
15) Methyl Acetate	4.666	43	49991	26.494	ug/L	98
16) Methylene chloride	4.903	84	115441	22.373	ug/L	95
17) trans-1,2-Dichloroethene	5.409	96	105394	25.945	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	162827	28.110	ug/L	99
19) 1,1-Dichloroethane	6.202	63	191116	26.708	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	121419	27.217	ug/L #	86
22) 2-Butanone	7.171	43	68191	48.306	ug/L	96
23) Bromochloromethane	7.507	128	60594	27.273	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	7.671	83	222135	28.172	ug/L		96
27) 1,2-Dichloroethane	8.397	62	147689	27.835	ug/L		100
29) Cyclohexane	7.952	56	149318	25.145	ug/L		97
30) 1,1,1-Trichloroethane	7.866	97	176984	27.095	ug/L		99
31) Carbon tetrachloride	8.061	117	166502	27.020	ug/L		100
33) Benzene	8.317	78	452703	26.463	ug/L		100
34) Trichloroethene	9.086	95	113449	25.090	ug/L		92
35) Methylcyclohexane	9.329	83	186645	26.323	ug/L		99
37) 1,2-Dichloropropane	9.366	63	114674	27.118	ug/L		99
38) Bromodichloromethane	9.640	83	163966	27.645	ug/L		99
39) cis-1,3-Dichloropropene	10.067	75	174918	28.116	ug/L		97
40) 4-Methyl-2-pentanone	10.207	43	154390	55.011	ug/L		98
42) Toluene	10.384	91	497122	27.346	ug/L		98
44) trans-1,3-Dichloropropene	10.604	75	157670	27.736	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	101321	28.427	ug/L		97
46) Tetrachloroethene	10.860	164	97967	26.763	ug/L		93
48) 2-Hexanone	10.963	43	110892	58.222	ug/L		99
49) Dibromochloromethane	11.122	129	123446	28.769	ug/L		94
50) 1,2-Dibromoethane	11.231	107	95060	27.837	ug/L		96
51) Chlorobenzene	11.652	112	340291	27.398	ug/L		96
52) Ethylbenzene	11.725	91	553704	27.801	ug/L		97
53) m,p-Xylene	11.835	106	219533	28.317	ug/L		97
54) o-Xylene	12.164	106	212189	28.971	ug/L		95
55) Styrene	12.176	104	375419	29.471	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.713	83	124148	27.870	ug/L		95
59) Bromoform	12.347	173	74555	27.985	ug/L		97
60) Isopropylbenzene	12.463	105	568387	26.882	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	87788	25.256	ug/L		100
62) 1,3,5-Trimethylbenzene	12.938	105	490047	28.047	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	484599	28.162	ug/L		99
64) 1,3-Dichlorobenzene	13.493	146	277112	26.765	ug/L		97
65) 1,4-Dichlorobenzene	13.579	146	284902	25.986	ug/L		92
67) 1,2-Dichlorobenzene	13.865	146	263083	26.759	ug/L	#	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	20053	24.693	ug/L		96
69) 1,3,5-Trichlorobenzene	14.627	180	197260	29.056	ug/L		95
70) 1,2,4-trichlorobenzene	15.133	180	151613	27.886	ug/L		98
71) Naphthalene	15.365	128	321995	30.405	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	149586	30.220	ug/L		98

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

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