Quantitation Report (Qedit)

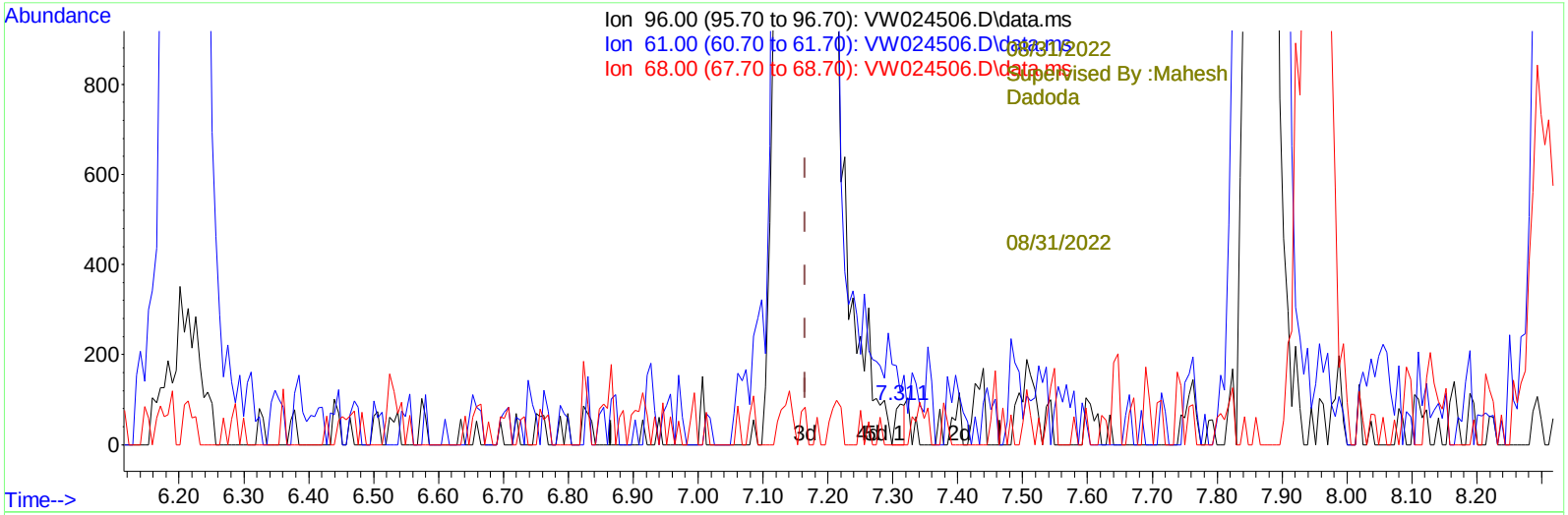
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082922\
Data File : VW024506.D
Acq On : 30 Aug 2022 21:43
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

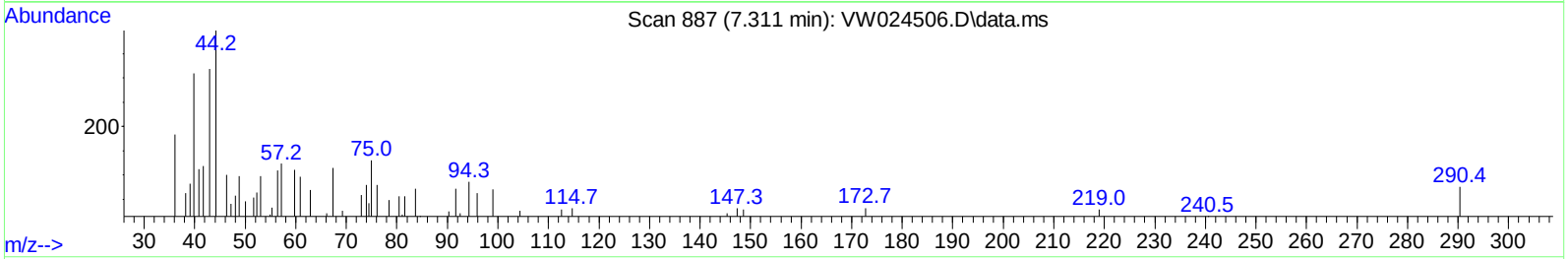
Quant Time: Aug 31 02:57:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 31 02:55:40 2022
Response via : Initial Calibration

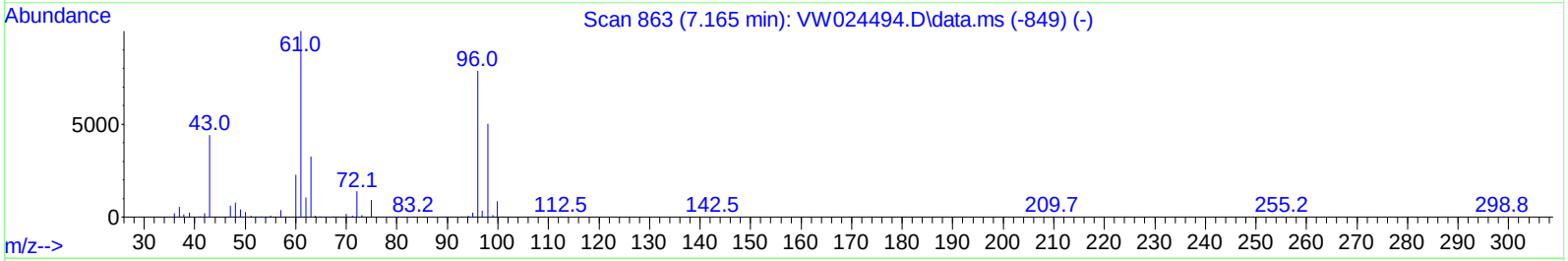
Instrument :
MSVOA_W
LabSampleId :
VSTDCCC025EC

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022







TIC: VW024506.D\data.ms

(20) cis-1,2-Dichloroethene (T)

7.311min (+ 0.146) 0.02 ug/L

response 94

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	128.90	130.00
68.00	0.00	0.00
0.00	0.00	0.00

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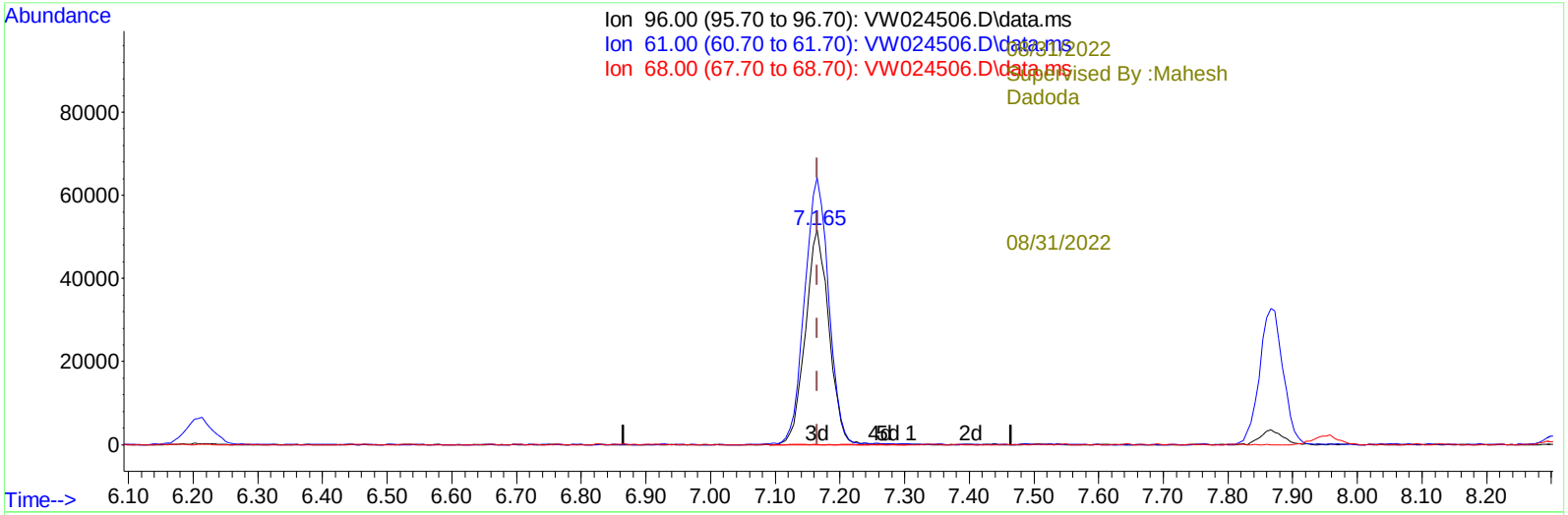

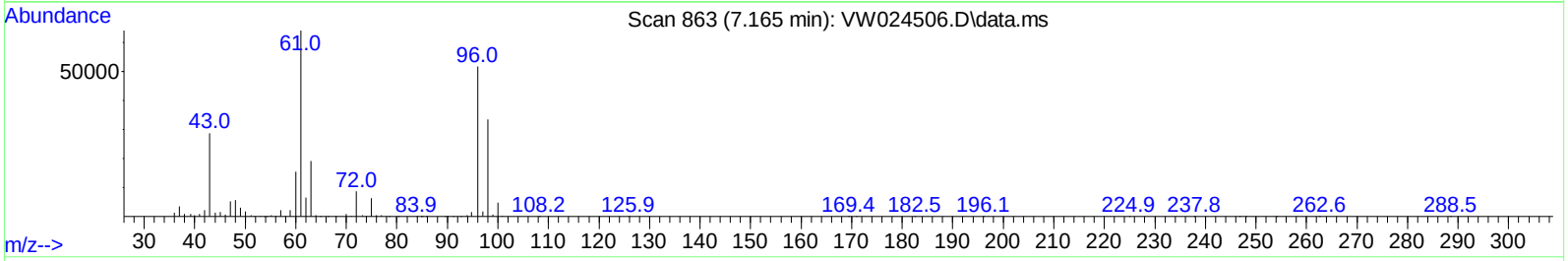

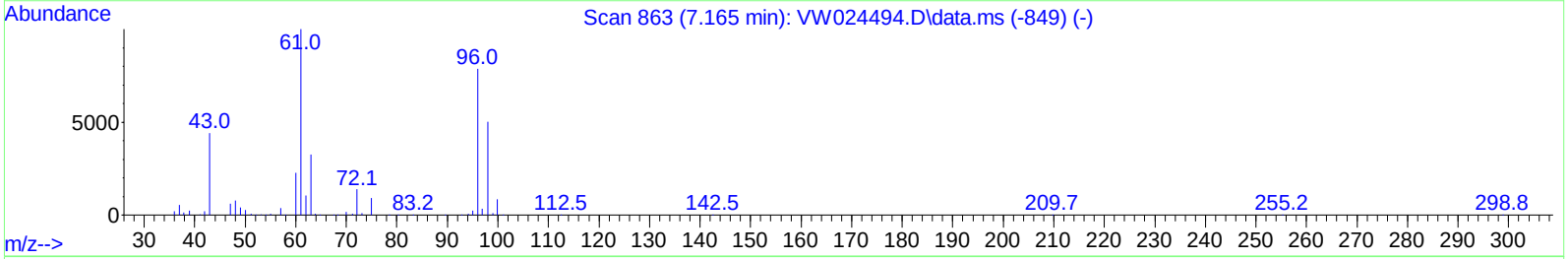

TIC: VW024506.D\data.ms

(20) cis-1,2-Dichloroethene (T)

7.165min (-0.000) 26.31 ug/L m

response 131197

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	128.90	124.01
68.00	0.00	0.16#
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	8.842	114	320714	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	316101	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	170056	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	169959	19.225	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.880%			
7) Chloroethane-d5	2.867	69	136872	20.663	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.640%			
11) 1,1-Dichloroethene-d2	4.007	63	156626	20.428	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.720%			
21) 2-Butanone-d5	7.080	46	84738	52.039	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.080%			
24) Chloroform-d	7.647	84	242075	23.478	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.920%			
26) 1,2-Dichloroethane-d4	8.305	65	146440	23.420	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.680%			
32) Benzene-d6	8.275	84	418956	23.133	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.520%			
36) 1,2-Dichloropropane-d6	9.268	67	137999	24.501	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.000%			
41) Toluene-d8	10.323	98	369480	21.457	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.840%			
43) trans-1,3-Dichloroprop...	10.579	79	56912	21.592	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.360%			
47) 2-Hexanone-d5	10.920	63	74377	59.009	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.020%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	164095	25.732	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.920%			
66) 1,2-Dichlorobenzene-d4	13.853	152	162152	25.321	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	50608	15.755	ug/L	95
3) Chloromethane	2.209	50	154469	25.738	ug/L	100
5) Vinyl chloride	2.343	62	254400	24.249	ug/L	99
6) Bromomethane	2.757	94	140946	19.140	ug/L	95
8) Chloroethane	2.904	64	128475	23.442	ug/L	97
9) Trichlorofluoromethane	3.245	101	69673	14.123	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	111417	23.545	ug/L	95
12) 1,1-Dichloroethene	4.025	96	99580	25.995	ug/L	96
13) Acetone	4.123	43	45195	46.508	ug/L	94
14) Carbon disulfide	4.373	76	290552	22.822	ug/L	99
15) Methyl Acetate	4.672	43	58864	24.761	ug/L	92
16) Methylene chloride	4.909	84	159184	29.595	ug/L	90
17) trans-1,2-Dichloroethene	5.415	96	115651	25.505	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	210370	28.335	ug/L	95
19) 1,1-Dichloroethane	6.208	63	208201	24.282	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	131197m	26.311	ug/L	
22) 2-Butanone	7.171	43	84148	48.534	ug/L	99
23) Bromochloromethane	7.506	128	60645	24.907	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.671	83	236845	24.896	ug/L	93
27) 1,2-Dichloroethane	8.397	62	168234	24.295	ug/L	98
29) Cyclohexane	7.952	56	174503	25.606	ug/L	96
30) 1,1,1-Trichloroethane	7.866	97	176354	23.664	ug/L	97
31) Carbon tetrachloride	8.061	117	157940	23.165	ug/L	99
33) Benzene	8.317	78	510261	25.927	ug/L	100
34) Trichloroethene	9.085	95	127247	24.532	ug/L	94
35) Methylcyclohexane	9.335	83	209868	25.217	ug/L	98
37) 1,2-Dichloropropane	9.366	63	127011	25.007	ug/L	98
38) Bromodichloromethane	9.640	83	179077	25.891	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	182610	25.721	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	189976	52.602	ug/L	96
42) Toluene	10.384	91	574682	26.459	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	166776	24.175	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	109064	26.333	ug/L	93
46) Tetrachloroethene	10.860	164	94644	23.494	ug/L	88
48) 2-Hexanone	10.969	43	136487	51.235	ug/L	96
49) Dibromochloromethane	11.128	129	128584	26.249	ug/L	92
50) 1,2-Dibromoethane	11.231	107	105573	26.514	ug/L	93
51) Chlorobenzene	11.652	112	377357	25.886	ug/L	97
52) Ethylbenzene	11.725	91	631373	26.293	ug/L	100
53) m,p-Xylene	11.835	106	248324	26.333	ug/L	95
54) o-Xylene	12.164	106	242117	27.465	ug/L	100
55) Styrene	12.176	104	435387	27.940	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	144501	24.996	ug/L	96
59) Bromoform	12.347	173	69453	25.450	ug/L	99
60) Isopropylbenzene	12.463	105	634705	28.101	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	102354	26.616	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	547406	30.057	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	541548	30.613	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	288685	26.733	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	292411	25.647	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	277007	27.365	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	23481	24.303	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	174440	25.027	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	142085	26.223	ug/L	98
71) Naphthalene	15.359	128	383388	32.218	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	144381	28.194	ug/L	99

08/31/2022
Supervised By :Mahesh Dadoda

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

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