Quantitation Report (Qedit)

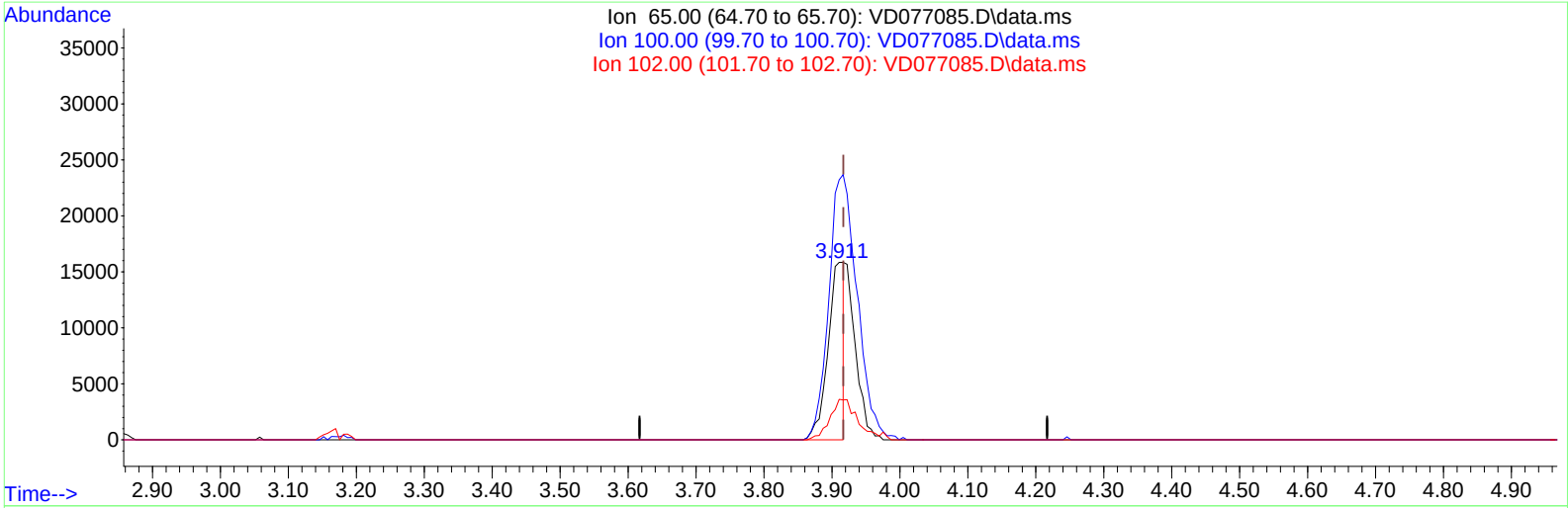
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091223\
Data File : VD077085.D
Acq On : 12 Sep 2023 11:26
Operator : JC/SY
Sample : VSTDCCC025
Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

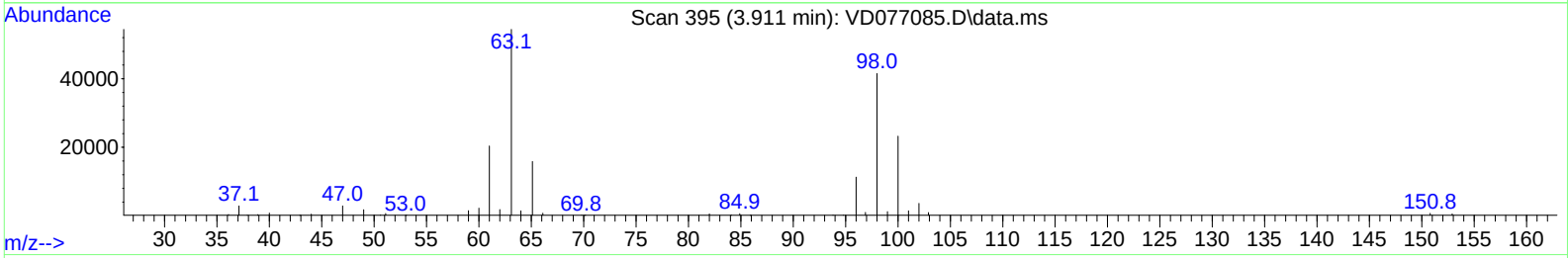
Quant Time: Sep 13 01:48:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 02 01:35:39 2023
Response via : Initial Calibration

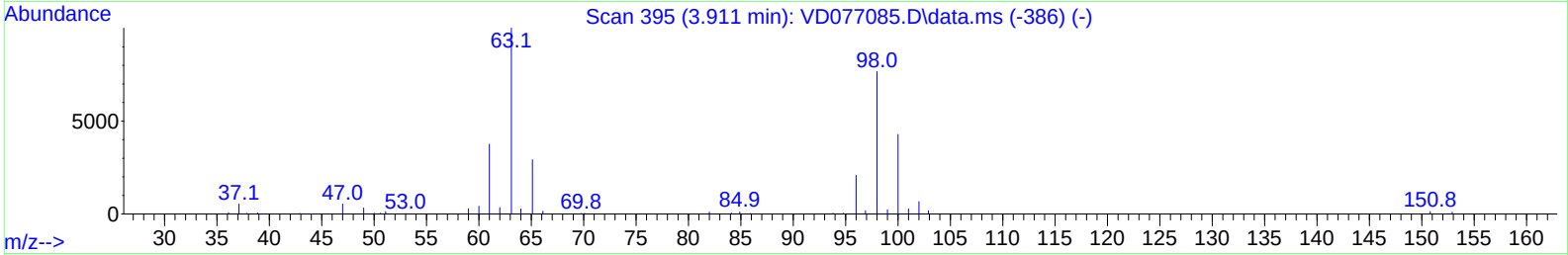
Instrument :
MSVOA_D
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 09/15/2023
Supervised By :Semsettin Yesilyurt 09/15/2023







TIC: VD077085.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

3.911min (-0.006) 14.71 ug/L

response 26208

Ion	Exp%	Act%
65.00	100.00	100.00
100.00	159.70	260.86#
102.00	24.60	38.54#
0.00	0.00	0.00

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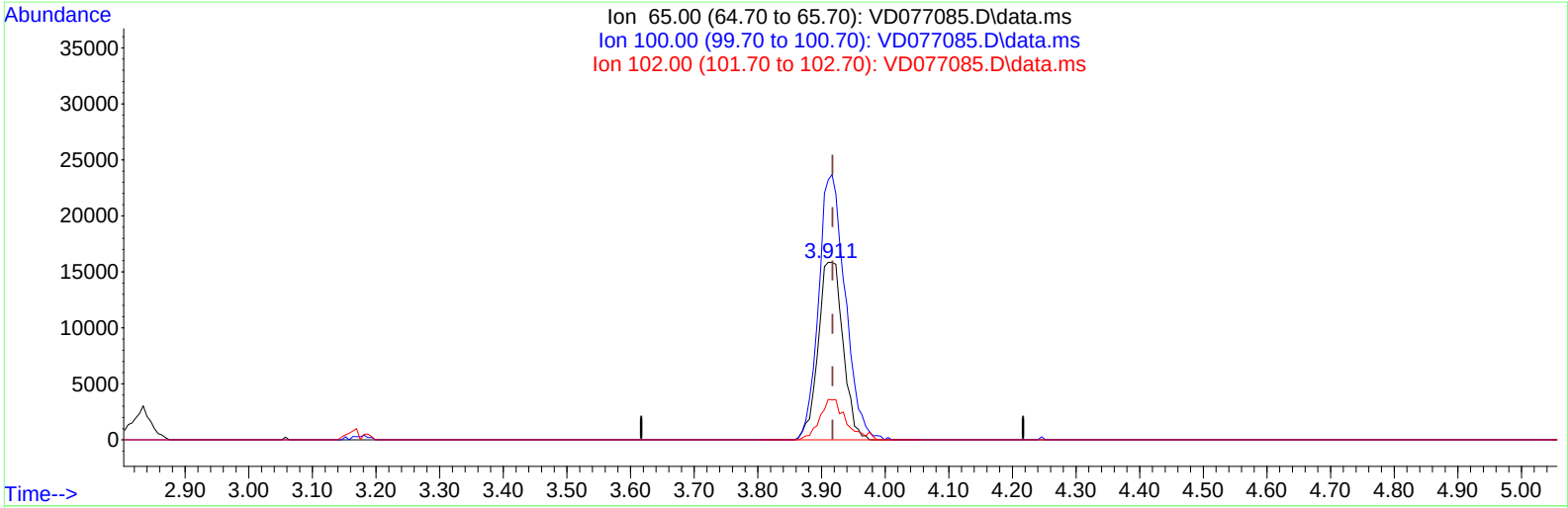

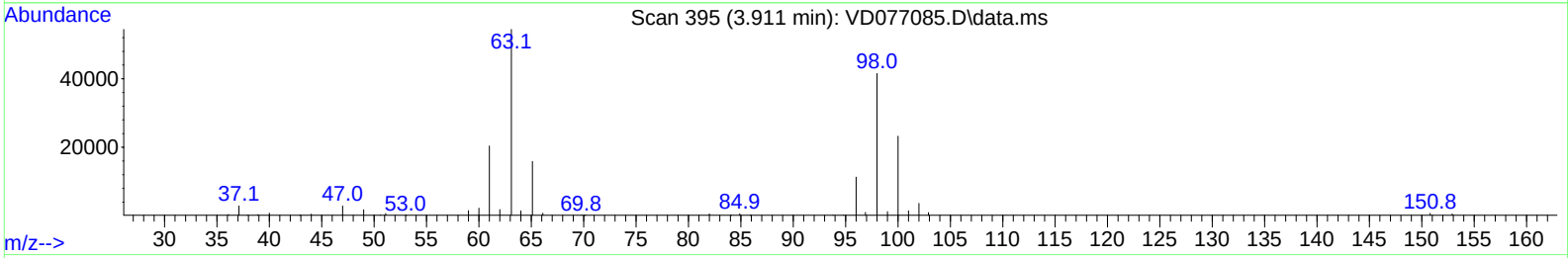

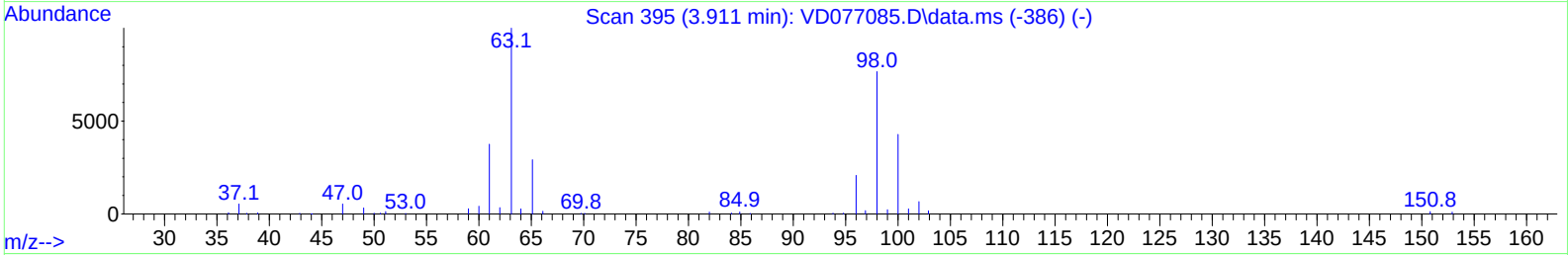

TIC: VD077085.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

3.911min (-0.006) 24.15 ug/L m

response 43014

Ion	Exp%	Act%
65.00	100.00	100.00
100.00	159.70	158.94
102.00	24.60	23.48
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091223\
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Quant Title : SFAM01.0
QLast Update : Sat Sep 02 01:35:39 2023
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Instrument :
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LabSampleId :
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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	8.775	114	318222	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	316567	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	175606	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	196898	25.111	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.440%			
7) Chloroethane-d5	2.799	69	163584	25.369	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.480%			
11) 1,1-Dichloroethene-d2	3.911	65	43014m	24.149	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.600%			
21) 2-Butanone-d5	6.987	46	61602	62.362	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.720%			
24) Chloroform-d	7.563	84	227848	26.167	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.680%			
26) 1,2-Dichloroethane-d4	8.228	65	112631	27.291	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.160%			
32) Benzene-d6	8.199	84	450902	25.789	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.160%			
36) 1,2-Dichloropropane-d6	9.210	67	131501	26.226	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.920%			
41) Toluene-d8	10.269	98	421783	26.353	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.400%			
43) trans-1,3-Dichloroprop...	10.522	79	55478	24.283	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.120%			
47) 2-Hexanone-d5	10.881	63	49549	61.872	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.740%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	132648	29.675	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.680%			
66) 1,2-Dichlorobenzene-d4	13.816	152	144059	25.558	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	83274	20.406	ug/L	99
3) Chloromethane	2.146	50	156269	22.565	ug/L	99
5) Vinyl chloride	2.281	62	172800	21.272	ug/L	100
6) Bromomethane	2.693	94	112177	19.768	ug/L	98
8) Chloroethane	2.834	64	113195	21.233	ug/L	98
9) Trichlorofluoromethane	3.169	101	152020	19.791	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	94730	20.162	ug/L	99
12) 1,1-Dichloroethene	3.940	96	88550	20.722	ug/L	94
13) Acetone	4.016	43	65334	46.106	ug/L	98
14) Carbon disulfide	4.269	76	279562	20.210	ug/L	99
15) Methyl Acetate	4.558	43	47842	25.241	ug/L #	86
16) Methylene chloride	4.799	84	126615	19.550	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	99228	21.327	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	229195	22.810	ug/L #	80
19) 1,1-Dichloroethane	6.105	63	169969	21.666	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	112863	21.188	ug/L	97
22) 2-Butanone	7.081	43	77150	45.129	ug/L	98
23) Bromochloromethane	7.422	128	57572	22.647	ug/L	96
25) Chloroform	7.593	83	188429	21.511	ug/L	99

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Instrument :
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LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

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Supervised By :Semsettin Yesilyurt 09/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	117601	22.416	ug/L	100
29) Cyclohexane	7.875	56	118734	19.945	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	157653	21.304	ug/L	97
31) Carbon tetrachloride	7.987	117	134017	21.408	ug/L	99
33) Benzene	8.246	78	411411	21.634	ug/L	100
34) Trichloroethene	9.028	95	103382	20.502	ug/L	98
35) Methylcyclohexane	9.269	83	154134	19.821	ug/L	99
37) 1,2-Dichloropropane	9.304	63	100740	21.003	ug/L	98
38) Bromodichloromethane	9.581	83	145593	22.002	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	169313	22.202	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	136986	51.964	ug/L	99
42) Toluene	10.334	91	456055	22.141	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	149482	22.928	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	94563	23.298	ug/L	92
46) Tetrachloroethene	10.810	164	84333	20.458	ug/L	96
48) 2-Hexanone	10.922	43	113832	55.995	ug/L	98
49) Dibromochloromethane	11.075	129	107688	22.716	ug/L	97
50) 1,2-Dibromoethane	11.181	107	94462	23.558	ug/L	99
51) Chlorobenzene	11.604	112	292753	21.256	ug/L	98
52) Ethylbenzene	11.681	91	476916	21.395	ug/L	99
53) m,p-Xylene	11.793	106	184684	21.456	ug/L	95
54) o-Xylene	12.122	106	179372	21.589	ug/L	97
55) Styrene	12.134	104	330830	22.281	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	114585	24.003	ug/L	95
59) Bromoform	12.298	173	72259	22.815	ug/L	100
60) Isopropylbenzene	12.422	105	461756	20.402	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	78119	23.306	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	360044	20.568	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	363635	21.203	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	226193	20.977	ug/L	93
65) 1,4-Dichlorobenzene	13.539	146	238309	21.155	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	213411	21.519	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.451	75	17426	24.858	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	150752	21.215	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	127916	21.033	ug/L	99
71) Naphthalene	15.334	128	285587	23.489	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	123672	22.140	ug/L	97

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

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