Quantitation Report (Qedit)

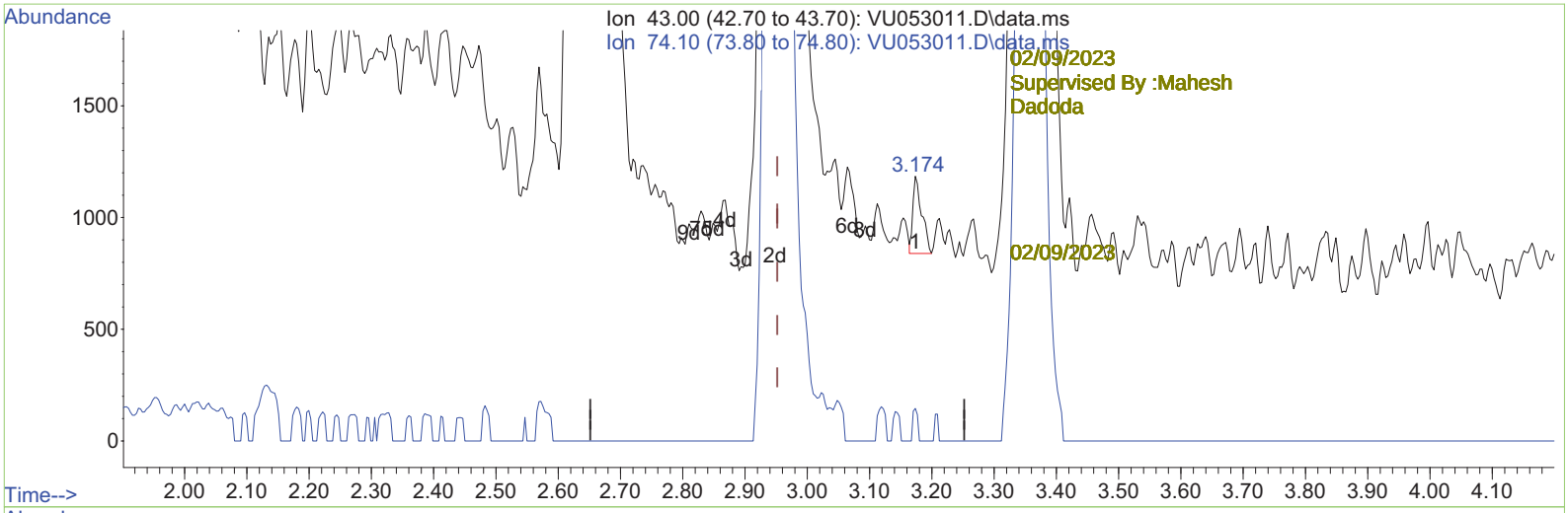
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020823\
Data File : VU053011.D
Acq On : 08 Feb 2023 20:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

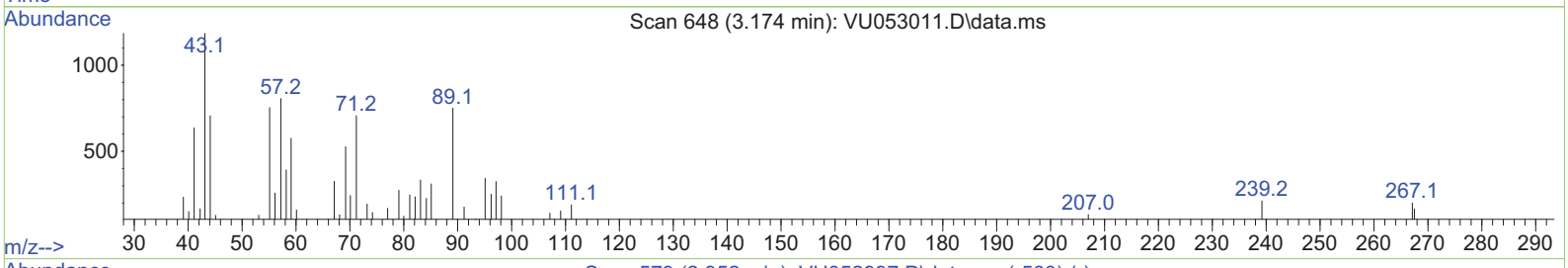
Quant Time: Feb 09 01:50:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 09 01:09:47 2023
Response via : Initial Calibration

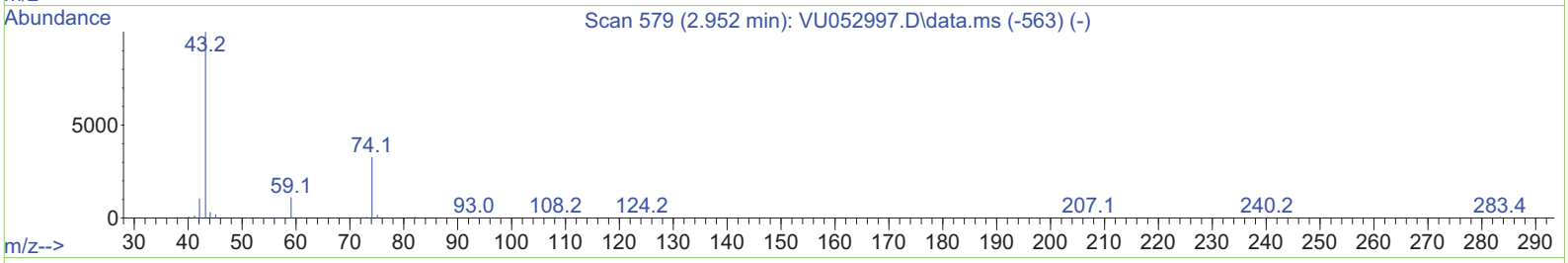
Instrument :
MSVOA_U
LabSampleId :
VSTDCCC050EC

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 02/09/2023
Supervised By :Mahesh Dadoda 02/09/2023







TIC: VU053011.D\data.ms

(15) Methyl Acetate (T)

3.174min (+ 0.222) 0.23 ug/L

response 342

Ion	Exp%	Act%
43.00	100.00	100.00
74.10	27.50	22.22
0.00	0.00	0.00
0.00	0.00	0.00

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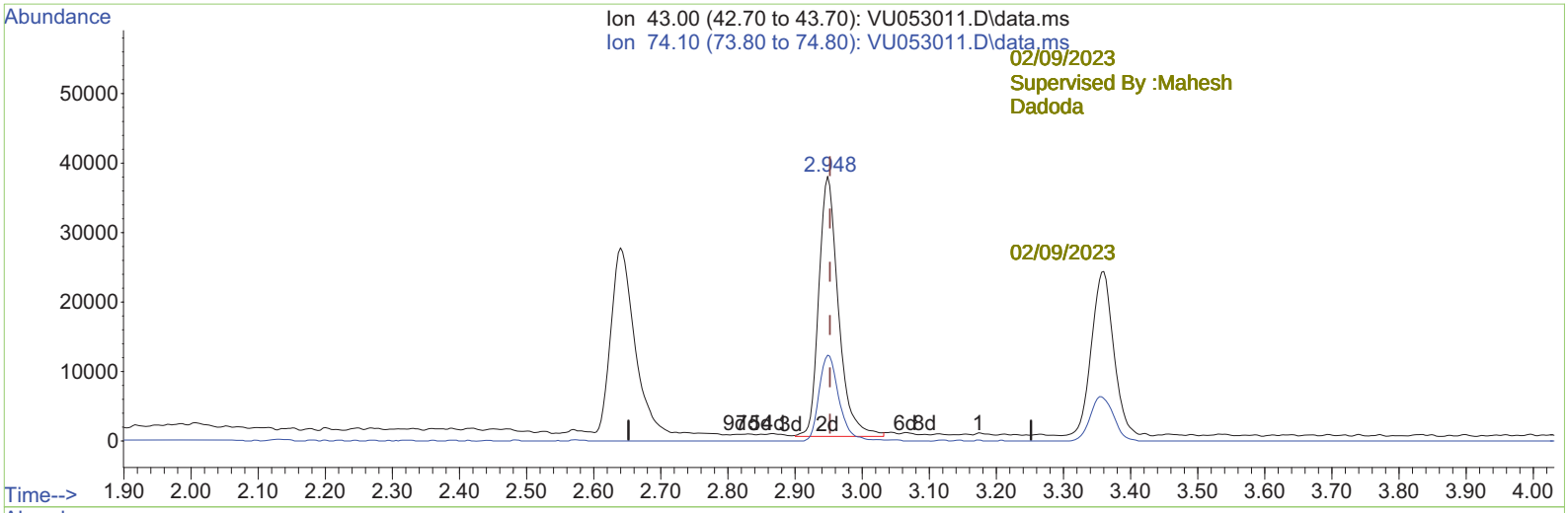

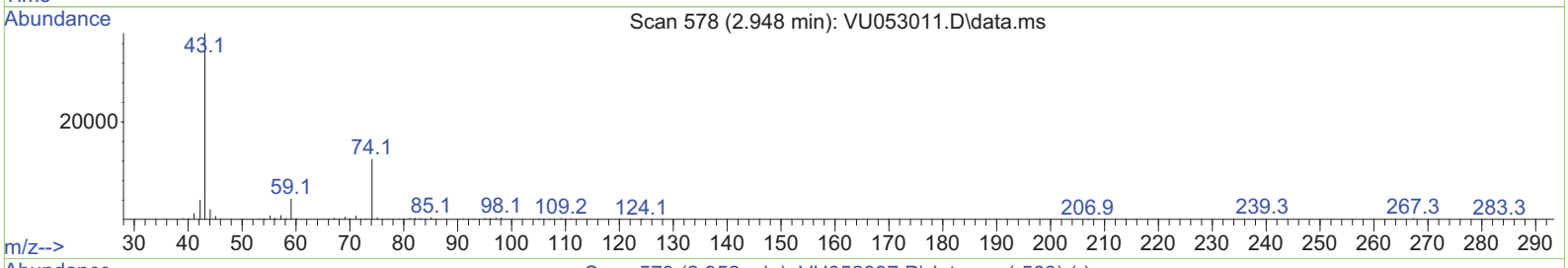

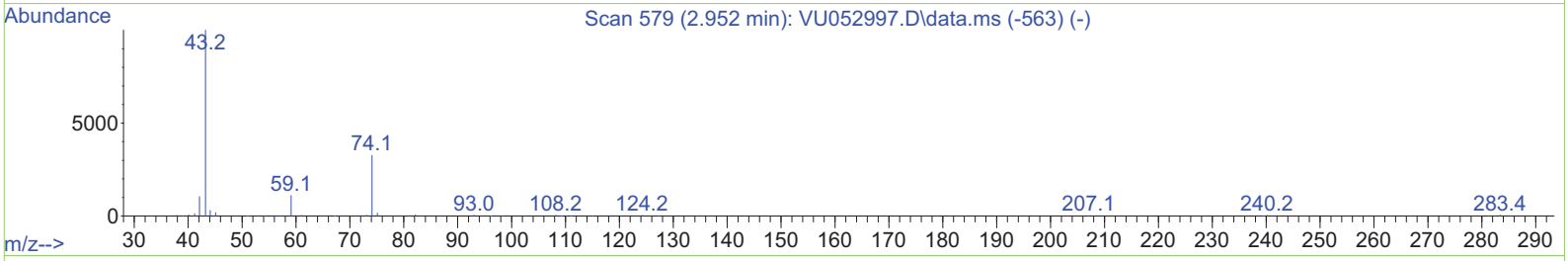

TIC: VU053011.D\data.ms

(15) Methyl Acetate (T)

2.948min (-0.003) 51.51 ug/L m

response 76270

Ion	Exp%	Act%
43.00	100.00	100.00
74.10	27.50	0.10#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc : 5.0mL/MSVOA_U/WATER
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Instrument :
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Supervised By :Mahesh Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	313518	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	296727	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	163852	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	129347	44.407	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.820%			
7) Chloroethane-d5	1.913	69	112049	47.555	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.120%			
11) 1,1-Dichloroethene-d2	2.566	63	206745	46.319	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.640%			
21) 2-Butanone-d5	4.624	46	117605	104.101	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.100%			
24) Chloroform-d	5.058	84	234574	48.706	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.420%			
26) 1,2-Dichloroethane-d4	5.698	65	140293	48.737	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.480%			
32) Benzene-d6	5.723	84	476558	48.407	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.820%			
36) 1,2-Dichloropropane-d6	6.685	67	147157	48.447	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.900%			
41) Toluene-d8	7.894	98	462774	47.975	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.940%			
43) trans-1,3-Dichloroprop...	8.173	79	79663	47.854	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.700%			
47) 2-Hexanone-d5	8.630	63	99201	107.547	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.550%			
56) 1,1,2,2-Tetrachloroeth...	10.752	84	212715	50.587	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.180%			
66) 1,2-Dichlorobenzene-d4	12.189	152	183415	50.298	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.386	85	112587	45.661	ug/L	100
3) Chloromethane	1.518	50	105537	46.429	ug/L	99
5) Vinyl chloride	1.604	62	129362	46.222	ug/L	98
6) Bromomethane	1.858	94	92746	48.013	ug/L	96
8) Chloroethane	1.936	64	84867	49.470	ug/L	98
9) Trichlorofluoromethane	2.138	101	208681	48.704	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	102473	47.474	ug/L	97
12) 1,1-Dichloroethene	2.579	96	99613	48.436	ug/L	94
13) Acetone	2.640	43	63832	62.461	ug/L	91
14) Carbon disulfide	2.791	76	288610	47.165	ug/L	98
15) Methyl Acetate	2.948	43	76270m	51.513	ug/L	
16) Methylene chloride	3.042	84	113661	45.789	ug/L	93
17) trans-1,2-Dichloroethene	3.350	96	105575	47.996	ug/L	96
18) Methyl tert-butyl Ether	3.357	73	344627	50.356	ug/L	97
19) 1,1-Dichloroethane	3.865	63	185579	49.224	ug/L	98
20) cis-1,2-Dichloroethene	4.662	96	123858	49.904	ug/L #	91
22) 2-Butanone	4.707	43	106870	88.831	ug/L	86
23) Bromochloromethane	4.971	128	66814	49.923	ug/L	95
25) Chloroform	5.083	83	206747	49.049	ug/L	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	150917	50.086 ug/L	98
29) Cyclohexane	5.382	56	161977	46.459 ug/L	95
30) 1,1,1-Trichloroethane	5.312	97	186723	48.948 ug/L	99
31) Carbon tetrachloride	5.521	117	163175	48.787 ug/L	98
33) Benzene	5.772	78	450174	49.484 ug/L	100
34) Trichloroethene	6.537	95	119335	48.234 ug/L	99
35) Methylcyclohexane	6.759	83	192280	45.767 ug/L	94
37) 1,2-Dichloropropane	6.788	63	114171	49.501 ug/L	99
38) Bromodichloromethane	7.099	83	165672	49.715 ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	199421	50.298 ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	223665	100.139 ug/L	93
42) Toluene	7.964	91	498529	48.368 ug/L	95
44) trans-1,3-Dichloropropene	8.206	75	189496	49.304 ug/L	100
45) 1,1,2-Trichloroethane	8.395	97	118194	49.752 ug/L	99
46) Tetrachloroethene	8.550	164	93706	47.824 ug/L	96
48) 2-Hexanone	8.681	43	172800	97.045 ug/L	91
49) Dibromochloromethane	8.807	129	144886	50.482 ug/L	99
50) 1,2-Dibromoethane	8.919	107	133348	51.308 ug/L	99
51) Chlorobenzene	9.443	112	326737	49.266 ug/L	98
52) Ethylbenzene	9.566	91	544554	48.041 ug/L	99
53) m,p-Xylene	9.691	106	214545	47.861 ug/L	98
54) o-xylene	10.096	106	216042	48.795 ug/L	95
55) Styrene	10.109	104	361068	48.347 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	192382	51.930 ug/L	99
59) Bromoform	10.286	173	111419	52.024 ug/L	98
60) 1,2,3-Trichloropropane	10.816	75	140497	52.259 ug/L	98
61) Isopropylbenzene	10.479	105	553774	49.164 ug/L	100
62) 1,3,5-Trimethylbenzene	11.083	105	485299	48.937 ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	472086	48.877 ug/L	97
64) 1,3-Dichlorobenzene	11.739	146	250219	49.242 ug/L	99
65) 1,4-Dichlorobenzene	11.829	146	249249	48.762 ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	254950	49.967 ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	42228	51.650 ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	187527	47.619 ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	167813	47.697 ug/L	98
71) Naphthalene	14.080	128	529383	50.773 ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	167197	48.485 ug/L	99

02/09/2023
Supervised By :Mahesh Dadoda

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

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