Quantitation Report (Qedit)

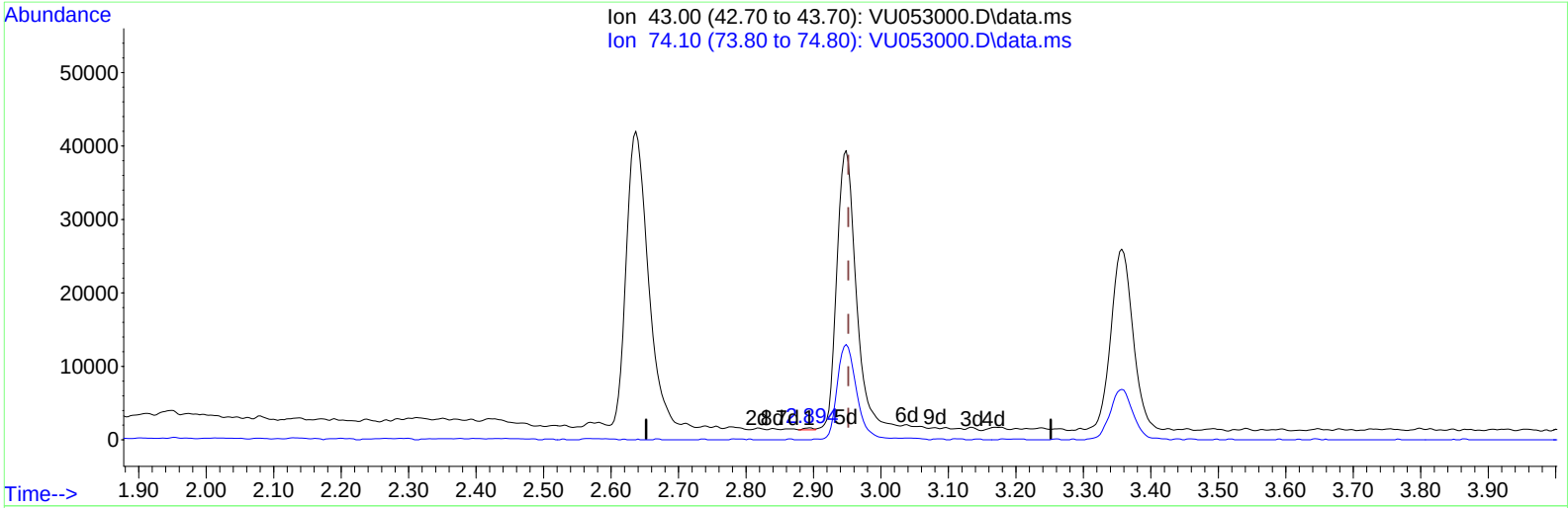
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020823\
Data File : VU053000.D
Acq On : 08 Feb 2023 14:20
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

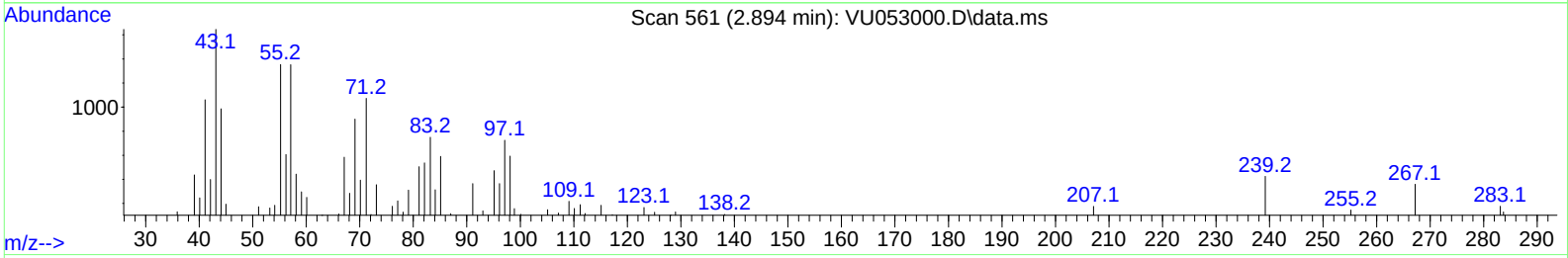
Quant Time: Feb 09 01:48:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 09 01:09:47 2023
Response via : Initial Calibration

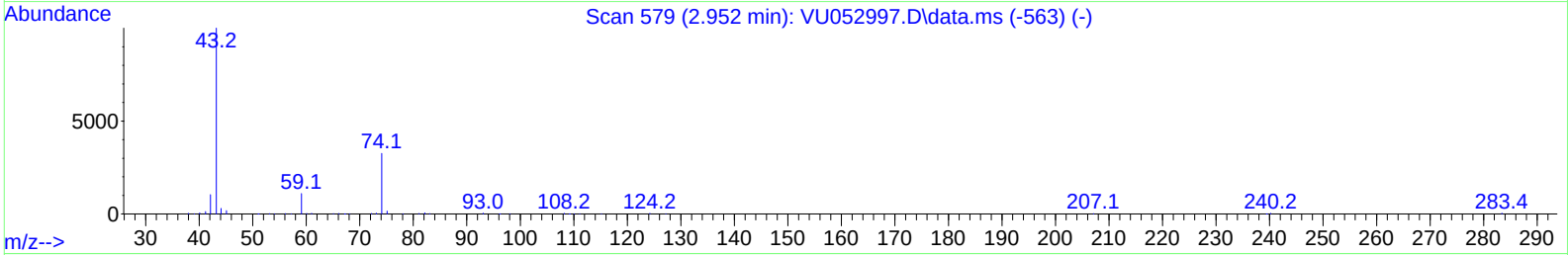
Instrument :
MSVOA_U
ClientSampleId :
VICV078

Manual IntegrationsAPPROVED

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







TIC: VU053000.D\data.ms

(15) Methyl Acetate (T)

2.894min (-0.058) 0.18 ug/L

response 283

Ion	Exp%	Act%
43.00	100.00	100.00
74.10	27.50	29.68
0.00	0.00	0.00
0.00	0.00	0.00

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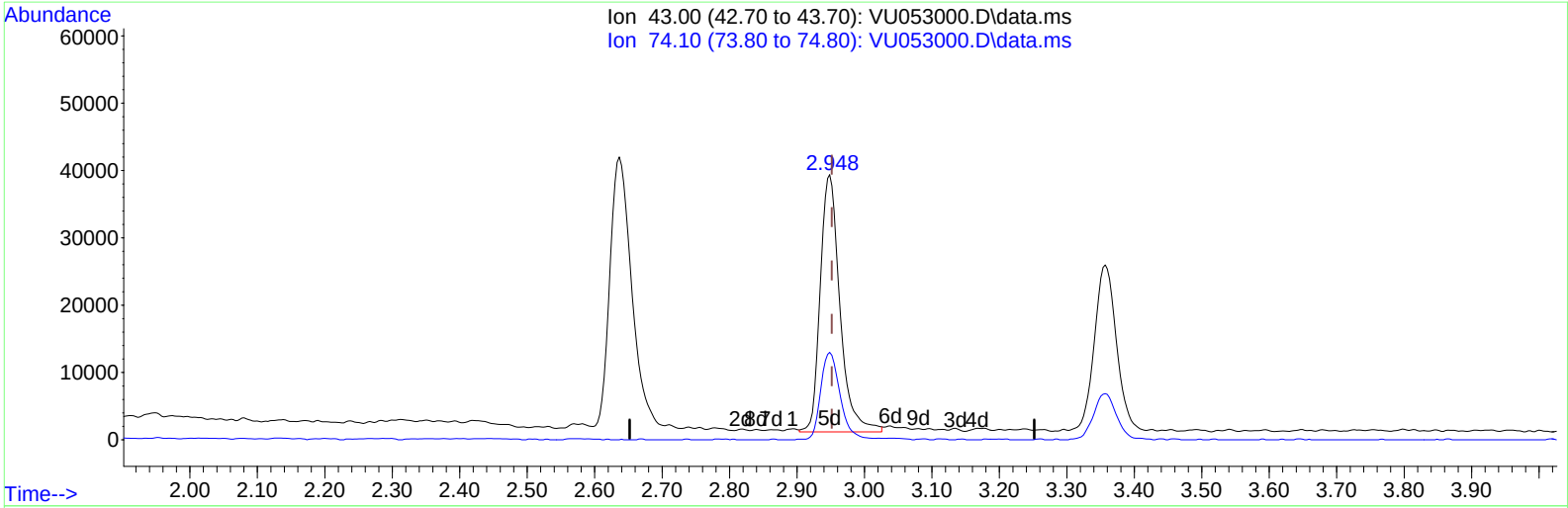

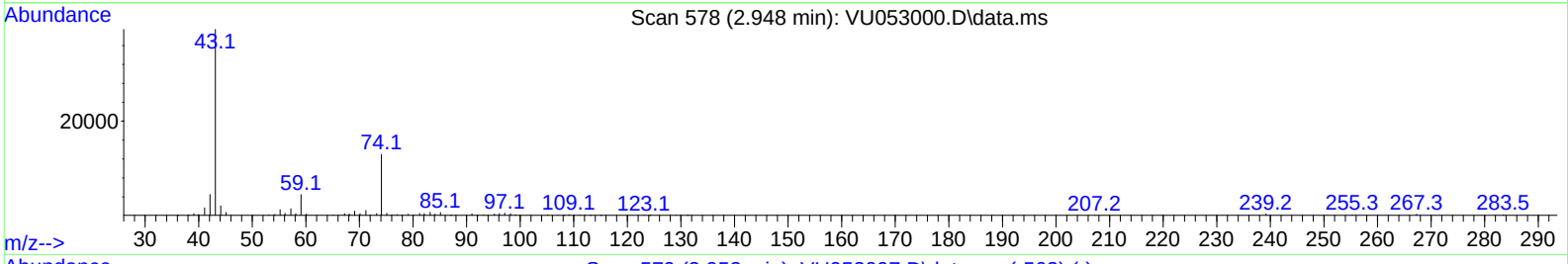

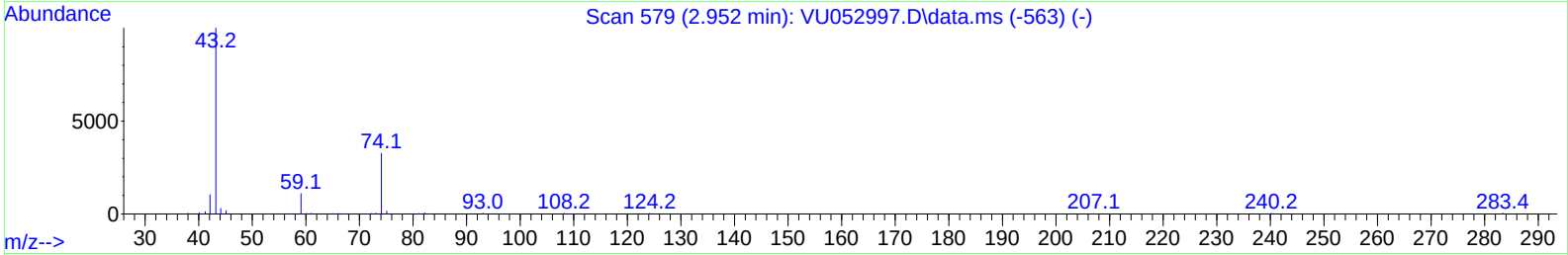

TIC: VU053000.D\data.ms

(15) Methyl Acetate (T)

2.948min (-0.003) 49.14 ug/L m

response 77528

Ion	Exp%	Act%
43.00	100.00	100.00
74.10	27.50	0.11#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	334046	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	313975	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	173515	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	150057	48.351	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.700%			
7) Chloroethane-d5	1.913	69	126603	50.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.860%			
11) 1,1-Dichloroethene-d2	2.566	63	229309	48.217	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.440%			
21) 2-Butanone-d5	4.624	46	120125	99.797	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.800%			
24) Chloroform-d	5.058	84	249660	48.653	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.300%			
26) 1,2-Dichloroethane-d4	5.694	65	145980	47.596	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.200%			
32) Benzene-d6	5.723	84	511009	49.055	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.120%			
36) 1,2-Dichloropropane-d6	6.685	67	155460	48.369	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.740%			
41) Toluene-d8	7.894	98	498945	48.883	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.760%			
43) trans-1,3-Dichloroprop...	8.173	79	88666	50.336	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.680%			
47) 2-Hexanone-d5	8.627	63	100817	103.295	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.300%			
56) 1,1,2,2-Tetrachloroeth...	10.752	84	215699	48.479	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.960%			
66) 1,2-Dichlorobenzene-d4	12.189	152	195193	50.547	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	125606	47.811	ug/L	99
3) Chloromethane	1.518	50	114696	47.357	ug/L	100
5) Vinyl chloride	1.604	62	142457	47.773	ug/L	98
6) Bromomethane	1.858	94	102495	49.800	ug/L	100
8) Chloroethane	1.932	64	92374	50.537	ug/L	98
9) Trichlorofluoromethane	2.135	101	227410	49.813	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	113562	49.378	ug/L	98
12) 1,1-Dichloroethene	2.579	96	106333	48.526	ug/L	95
13) Acetone	2.637	43	89443	82.143	ug/L	92
14) Carbon disulfide	2.791	76	316634	48.565	ug/L	100
15) Methyl Acetate	2.948	43	77528m	49.145	ug/L	
16) Methylene chloride	3.042	84	123528	46.706	ug/L	95
17) trans-1,2-Dichloroethene	3.350	96	114492	48.851	ug/L	94
18) Methyl tert-butyl Ether	3.357	73	353111	48.425	ug/L	98
19) 1,1-Dichloroethane	3.865	63	194639	48.455	ug/L	96
20) cis-1,2-Dichloroethene	4.662	96	130378	49.303	ug/L #	95
22) 2-Butanone	4.704	43	118217	92.224	ug/L	88
23) Bromochloromethane	4.968	128	69180	48.514	ug/L	94
25) Chloroform	5.083	83	216457	48.197	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	153061	47.676	ug/L	96
29) Cyclohexane	5.382	56	173867	47.129	ug/L	94
30) 1,1,1-Trichloroethane	5.312	97	198521	49.182	ug/L	99
31) Carbon tetrachloride	5.521	117	176110	49.762	ug/L	99
33) Benzene	5.768	78	472086	49.042	ug/L	100
34) Trichloroethene	6.537	95	128509	49.089	ug/L	99
35) Methylcyclohexane	6.759	83	215181	48.405	ug/L	93
37) 1,2-Dichloropropane	6.784	63	119380	48.917	ug/L	98
38) Bromodichloromethane	7.099	83	173133	49.099	ug/L	99
39) cis-1,3-Dichloropropene	7.601	75	205859	49.069	ug/L	98
40) 4-Methyl-2-pentanone	7.784	43	230532	97.544	ug/L	93
42) Toluene	7.964	91	529500	48.551	ug/L	95
44) trans-1,3-Dichloropropene	8.205	75	198903	48.908	ug/L	98
45) 1,1,2-Trichloroethane	8.395	97	123449	49.110	ug/L	99
46) Tetrachloroethene	8.550	164	102932	49.647	ug/L	97
48) 2-Hexanone	8.678	43	184095	97.709	ug/L	90
49) Dibromochloromethane	8.803	129	150392	49.521	ug/L	97
50) 1,2-Dibromoethane	8.916	107	138069	50.206	ug/L	99
51) Chlorobenzene	9.440	112	345719	49.265	ug/L	98
52) Ethylbenzene	9.566	91	581624	48.493	ug/L	99
53) m,p-Xylene	9.688	106	228144	48.099	ug/L	93
54) o-xylene	10.096	106	224524	47.925	ug/L	92
55) Styrene	10.109	104	382338	48.382	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	195477	49.867	ug/L	98
59) Bromoform	10.286	173	117433	51.778	ug/L	98
60) 1,2,3-Trichloropropane	10.816	75	143885	50.539	ug/L	98
61) Isopropylbenzene	10.479	105	586665	49.183	ug/L	99
62) 1,3,5-Trimethylbenzene	11.083	105	511276	48.686	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	501989	49.079	ug/L	97
64) 1,3-Dichlorobenzene	11.739	146	272124	50.571	ug/L	99
65) 1,4-Dichlorobenzene	11.829	146	273286	50.487	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	274902	50.877	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	44273	51.135	ug/L	95
69) 1,3,5-Trichlorobenzene	13.215	180	206534	49.524	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	191963	51.523	ug/L	98
71) Naphthalene	14.080	128	600392	54.376	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	189862	51.991	ug/L	98

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

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