Quantitation Report (Qedit)

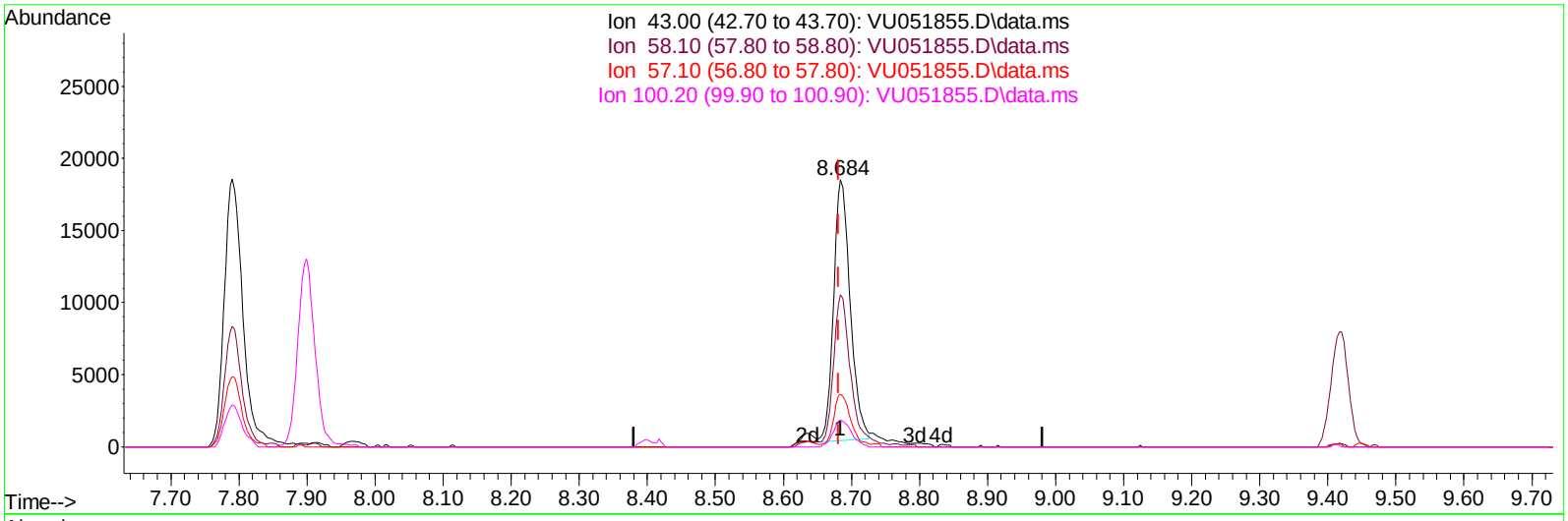
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111522\
Data File : VU051855.D
Acq On : 15 Nov 2022 12:13
Operator : JC/MD
Sample : VSTD00549
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

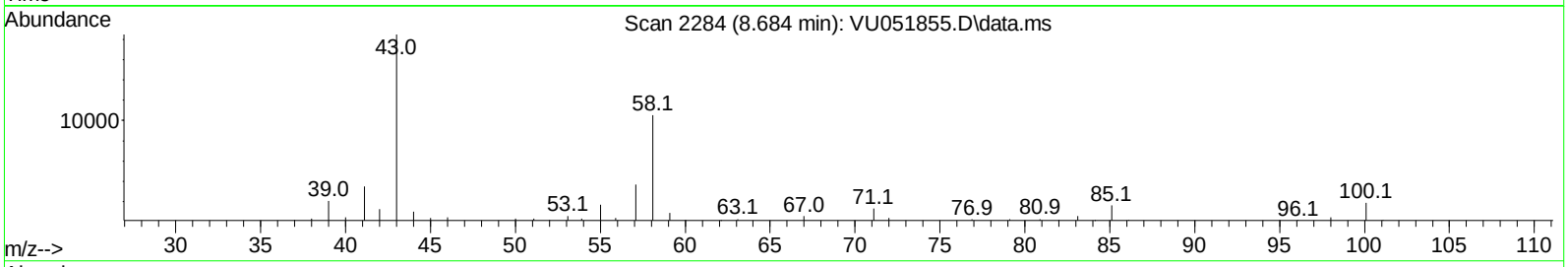
Quant Time: Nov 16 00:42:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 16 00:41:36 2022
Response via : Initial Calibration

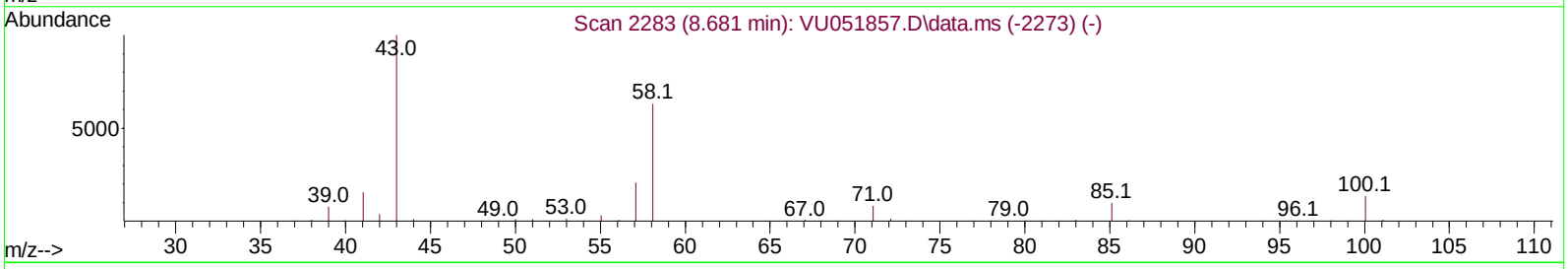
Instrument :
MSVOA_U
ClientSampleId :
VSTD005049

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022







TIC: VU051855.D\data.ms

(48) 2-Hexanone (T)

8.684min (+ 0.003) 6.74 ug/L

response 30480

Ion	Exp%	Act%
43.00	100.00	100.00
58.10	63.30	61.39
57.10	21.00	21.10
100.20	13.50	11.24

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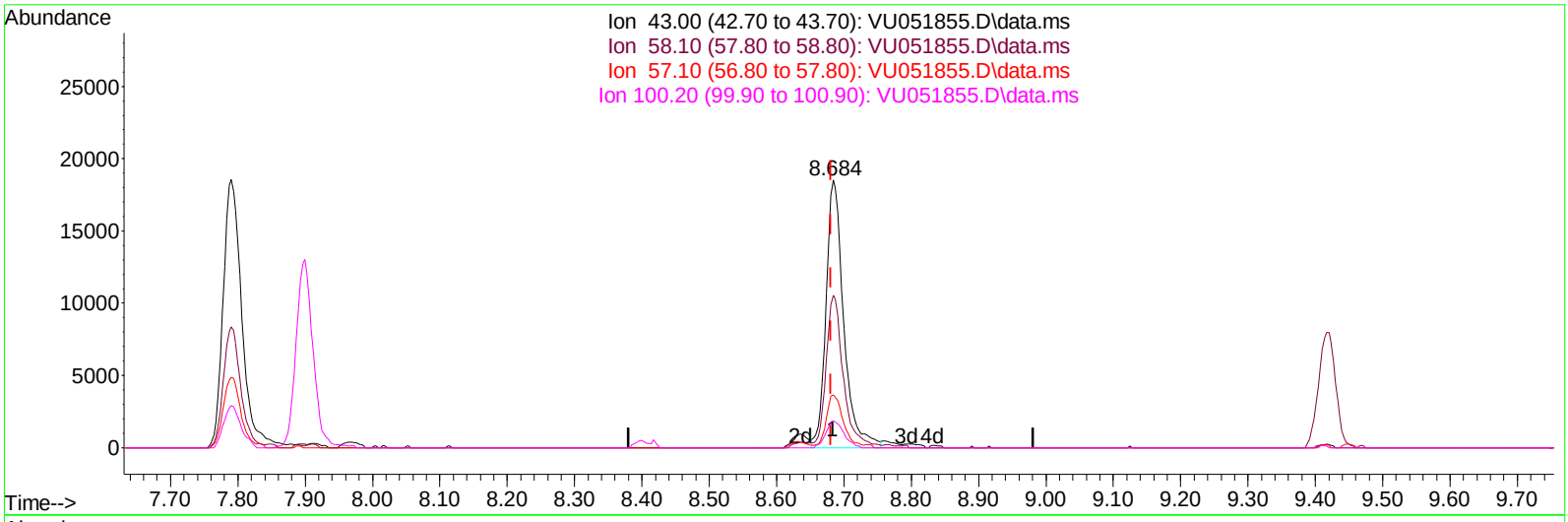

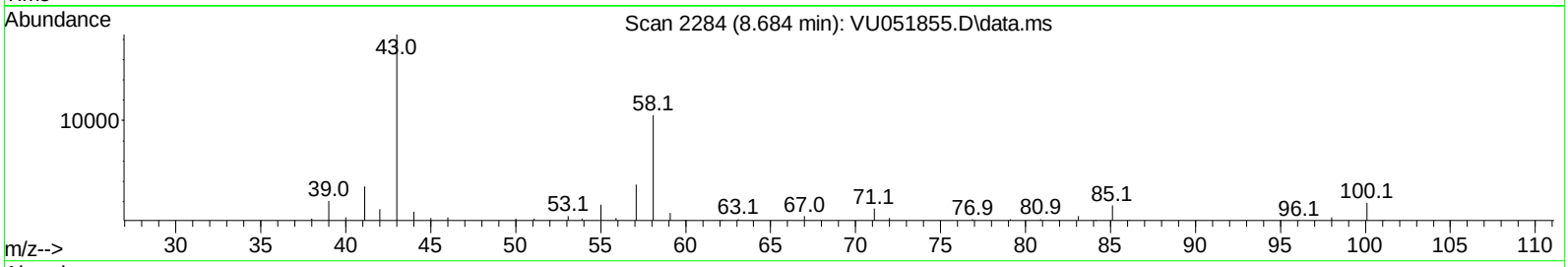

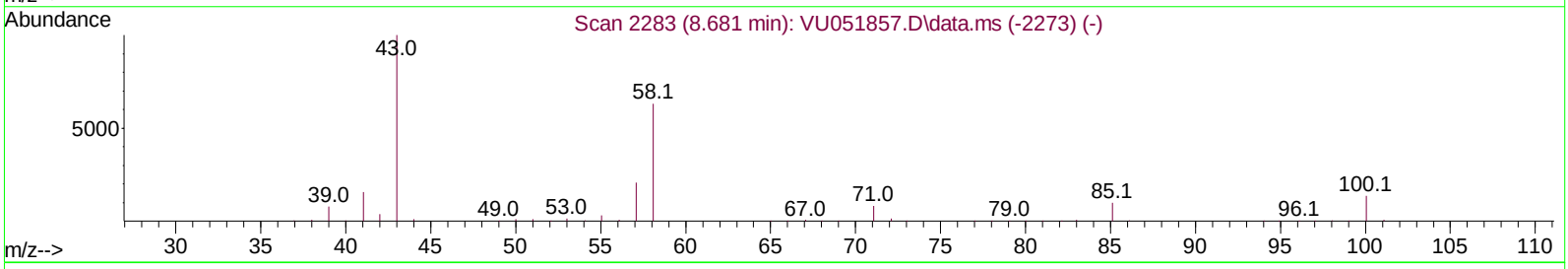

TIC: VU051855.D\data.ms

(48) 2-Hexanone (T)

8.684min (+ 0.003) 7.43 ug/L m

response 33589

Ion	Exp%	Act%
43.00	100.00	100.00
58.10	63.30	55.71
57.10	21.00	19.15
100.20	13.50	10.20#

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	6.247	114	439312	50.000	ug/L		0.00
28) Chlorobenzene-d5	9.417	117	452057	50.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	192167	50.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.597	65	12260	3.799	ug/L		0.00
7) Chloroethane-d5	1.906	69	12162	4.458	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.568	63	20405	3.671	ug/L		0.00
21) 2-Butanone-d5	4.629	46	22622	9.253	ug/L		0.01
24) Chloroform-d	5.063	84	28904	4.651	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.703	65	18652	4.852	ug/L		0.00
32) Benzene-d6	5.726	84	47053	4.046	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.690	67	18328	4.690	ug/L		0.00
41) Toluene-d8	7.899	98	35727	3.439	ug/L		0.00
43) trans-1,3-Dichloroprop...	8.182	79	6564	4.008	ug/L		0.00
47) 2-Hexanone-d5	8.632	63	12336	6.991	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	34060	4.911	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	18032	5.088	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.385	85	15130	4.119	ug/L		94
3) Chloromethane	1.523	50	20059	4.245	ug/L		99
5) Vinyl chloride	1.604	62	19487	4.156	ug/L	#	78
6) Bromomethane	1.842	94	9316	3.938	ug/L		93
8) Chloroethane	1.925	64	12591	4.442	ug/L		93
9) Trichlorofluoromethane	2.134	101	24266	4.450	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	14993	4.450	ug/L		97
12) 1,1-Dichloroethene	2.578	96	13383	4.214	ug/L		98
13) Acetone	2.623	43	32159	11.520	ug/L		98
14) Carbon disulfide	2.790	76	37474	3.717	ug/L		97
15) Methyl Acetate	2.948	43	17137	4.138	ug/L		96
16) Methylene chloride	3.044	84	27397	6.479	ug/L		93
17) trans-1,2-Dichloroethene	3.353	96	14617	4.470	ug/L		94
18) Methyl tert-butyl Ether	3.359	73	39333	4.144	ug/L		98
19) 1,1-Dichloroethane	3.867	63	29511	4.539	ug/L		95
20) cis-1,2-Dichloroethene	4.665	96	15385	4.254	ug/L		96
22) 2-Butanone	4.707	43	28573	8.876	ug/L		97
23) Bromochloromethane	4.973	128	8999	4.432	ug/L	#	95
25) Chloroform	5.089	83	30465	4.537	ug/L		100
27) 1,2-Dichloroethane	5.793	62	22278	4.312	ug/L		98
29) Cyclohexane	5.388	56	15507	3.357	ug/L		99
30) 1,1,1-Trichloroethane	5.317	97	22587	4.297	ug/L		98
31) Carbon tetrachloride	5.520	117	19604	4.405	ug/L		96
33) Benzene	5.774	78	60594	4.166	ug/L		100
34) Trichloroethene	6.543	95	15371	4.384	ug/L		98
35) Methylcyclohexane	6.764	83	17060	3.424	ug/L		96
37) 1,2-Dichloropropane	6.790	63	18526	4.629	ug/L		99
38) Bromodichloromethane	7.105	83	22890	4.481	ug/L		97
39) cis-1,3-Dichloropropene	7.607	75	19795	3.747	ug/L		94
40) 4-Methyl-2-pentanone	7.790	43	35729	6.690	ug/L		96
42) Toluene	7.970	91	55510	3.726	ug/L		97

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.211	75	18817	3.676 ug/L	95
45) 1,1,2-Trichloroethane	8.401	97	18440	4.596 ug/L	97
46) Tetrachloroethene	8.552	164	13955	5.336 ug/L	88
48) 2-Hexanone	8.684	43	33589m	7.425 ug/L	
49) Dibromochloromethane	8.809	129	18179	4.401 ug/L	100
50) 1,2-Dibromoethane	8.925	107	18119	4.407 ug/L	96
51) Chlorobenzene	9.446	112	43368	4.398 ug/L	100
52) Ethylbenzene	9.571	91	53751	3.556 ug/L	97
53) m,p-Xylene	9.694	106	19289	3.317 ug/L	98
54) o-Xylene	10.099	106	19673	3.392 ug/L	97
55) Styrene	10.115	104	30961	3.080 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	33890	4.436 ug/L	95
59) Bromoform	10.292	173	14303	5.326 ug/L	96
60) 1,2,3-Trichloropropane	10.822	75	25106	5.093 ug/L	99
61) Isopropylbenzene	10.484	105	47372	3.943 ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	34506	3.420 ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	31146	3.138 ug/L	96
64) 1,3-Dichlorobenzene	11.745	146	26547	4.337 ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	27703	4.411 ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	29945	4.686 ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	6003	4.525 ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	17345	4.221 ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	11893	3.747 ug/L	99
71) Naphthalene	14.089	128	31966	3.118 ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	13037	3.836 ug/L	99

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

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