Quantitation Report (Qedit)

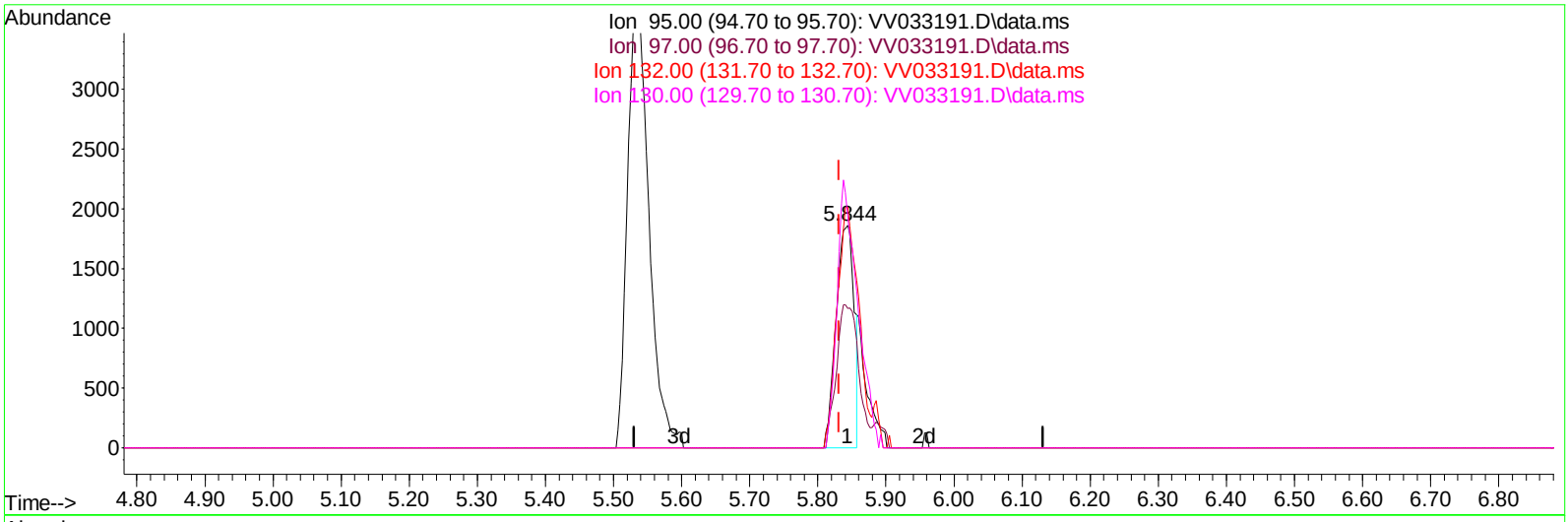
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120823\
Data File : VV033191.D
Acq On : 08 Dec 2023 15:29
Operator : SY/MD
Sample : 05673-06DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

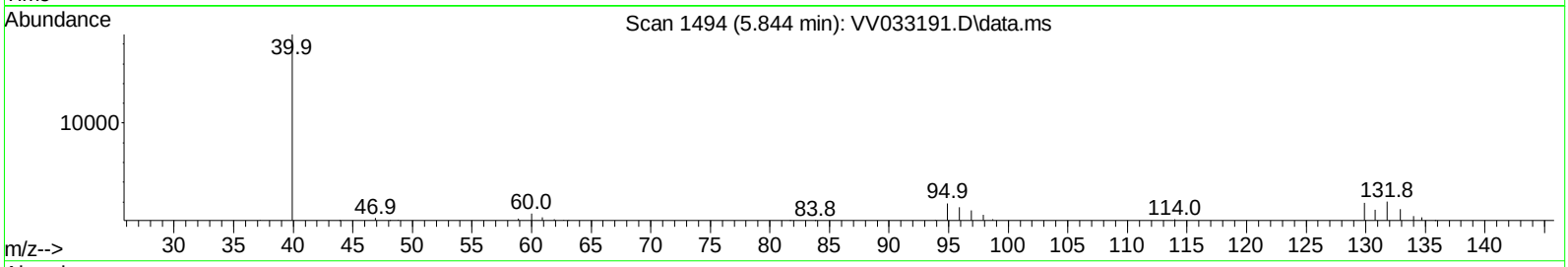
Quant Time: Dec 08 22:01:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration

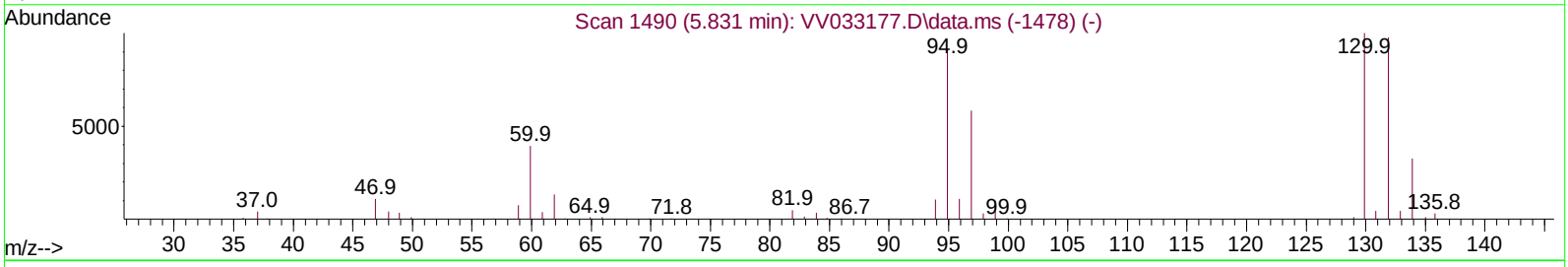
Instrument :
MSVOA_V
ClientSampleId :
BHEH9DL

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023







TIC: VV033191.D\data.ms

(34) Trichloroethene (T)

5.844min (+ 0.013) 1.62 ug/L

response 3416

Ion	Exp%	Act%
95.00	100.00	100.00
97.00	65.40	62.67
132.00	110.60	108.16
130.00	109.80	103.38

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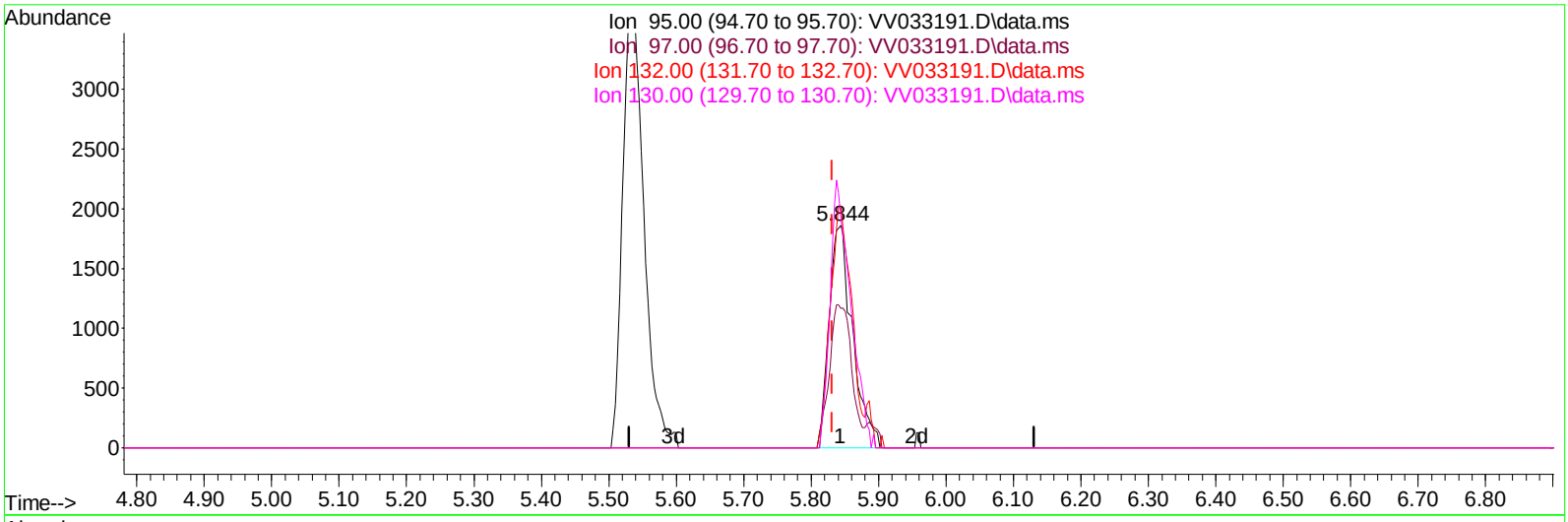

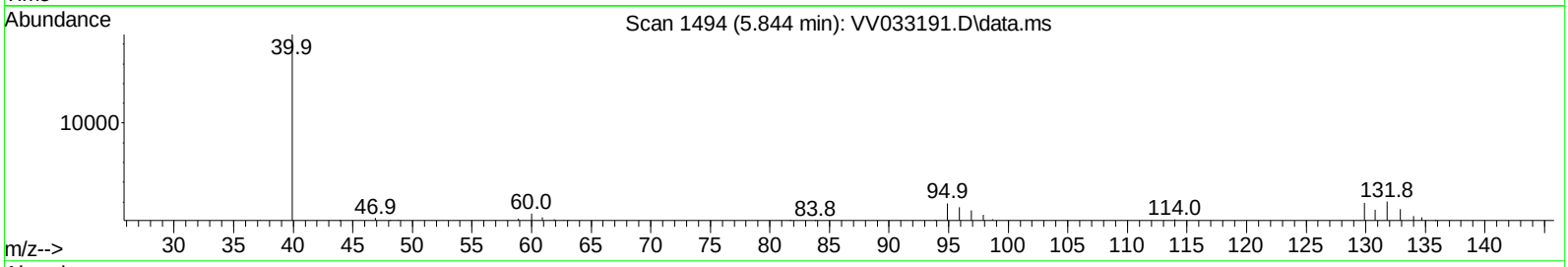

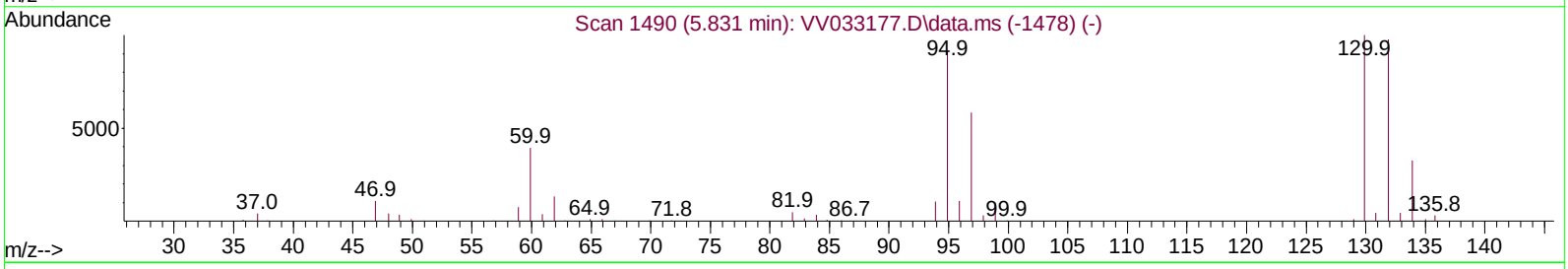

TIC: VV033191.D\data.ms

(34) Trichloroethene (T)

5.844min (+ 0.013) 2.12 ug/L m

response 4472

Ion	Exp%	Act%
95.00	100.00	100.00
97.00	65.40	62.67
132.00	110.60	108.16
130.00	109.80	103.38

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	277194	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	278018	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	145085	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	67657	40.829	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.660%			
7) Chloroethane-d5	1.532	69	52173	45.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.380%			
11) 1,1-Dichloroethene-d2	2.060	65	27806	44.109	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.220%			
21) 2-Butanone-d5	3.783	46	74855	90.950	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.950%			
24) Chloroform-d	4.249	84	162465	46.199	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.400%			
26) 1,2-Dichloroethane-d4	4.941	65	106268	48.605	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.200%			
32) Benzene-d6	4.960	84	302132	46.466	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.940%			
36) 1,2-Dichloropropane-d6	5.989	67	79860	45.679	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.360%			
41) Toluene-d8	7.243	98	278789	44.946	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.900%			
43) trans-1,3-Dichloroprop...	7.555	79	47531	42.994	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.980%			
47) 2-Hexanone-d5	8.024	63	63383	90.244	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.240%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	112005	45.068	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.140%			
66) 1,2-Dichlorobenzene-d4	11.561	152	130728	50.642	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.280%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.818	96	22339	11.538	ug/L	97
34) Trichloroethene	5.844	95	4472m	2.125	ug/L	
46) Tetrachloroethene	7.905	164	205827	113.758	ug/L	97

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

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