Quantitation Report (Qedit)

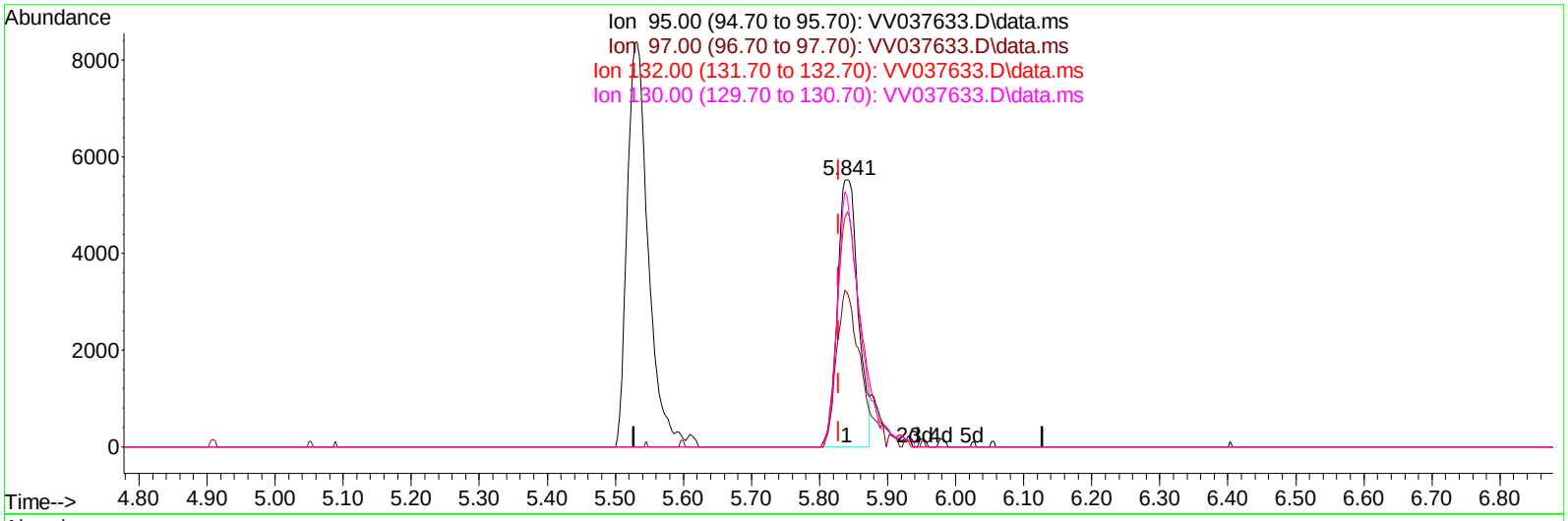
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037633.D
Acq On : 28 Sep 2024 01:18
Operator : SY/MD
Sample : P4185-14
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

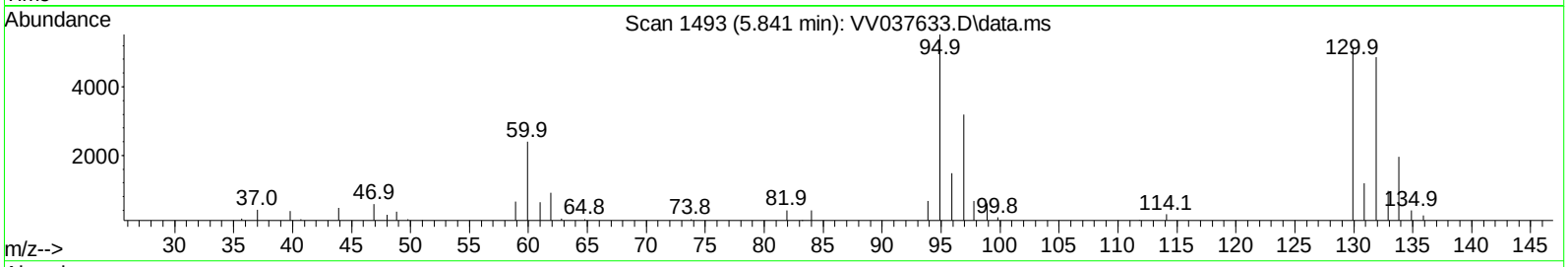
Quant Time: Sep 28 04:22:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 28 00:49:19 2024
Response via : Initial Calibration

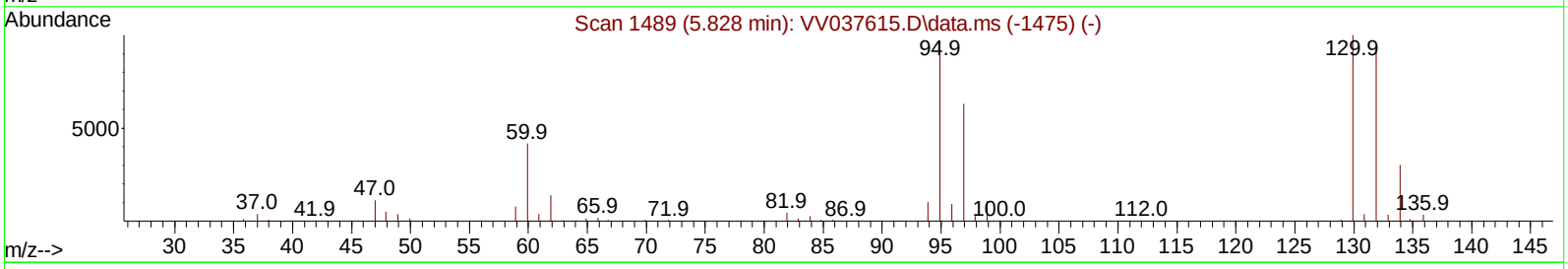
Instrument :
MSVOA_V
ClientSampleId :
EY062

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024







TIC: VV037633.D\data.ms

(34) Trichloroethene (T)

5.841min (+ 0.013) 2.55 ug/L

response 11720

Ion	Exp%	Act%
95.00	100.00	100.00
97.00	66.10	57.75
132.00	98.00	87.96
130.00	101.30	93.46

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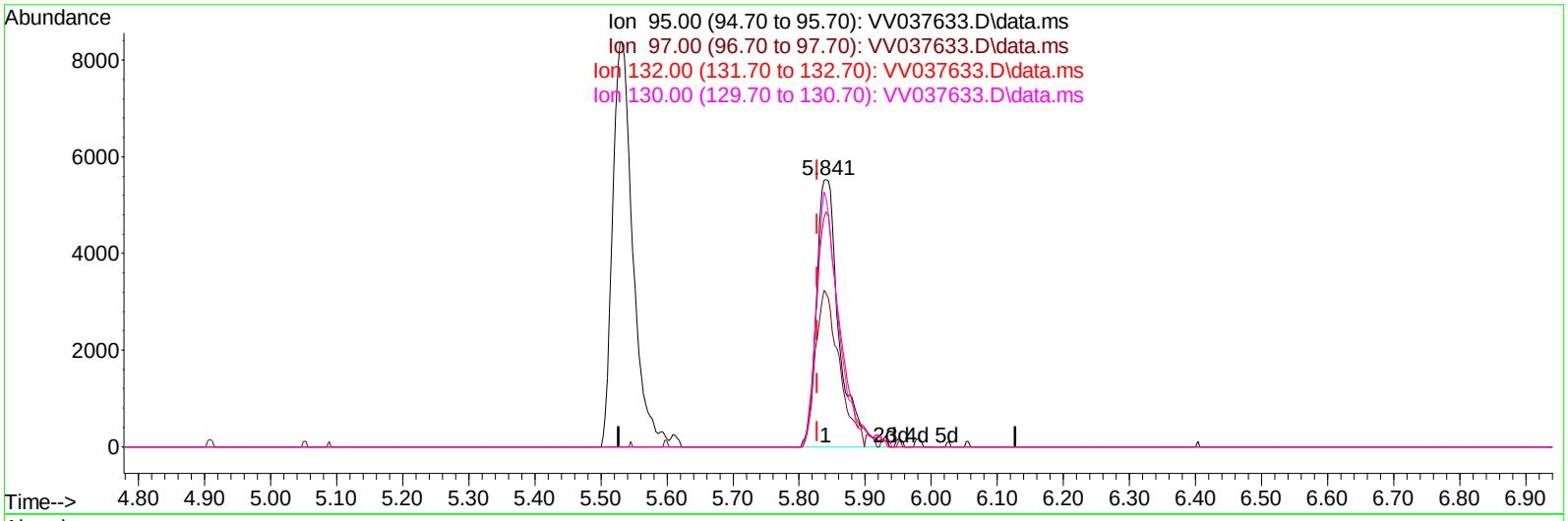

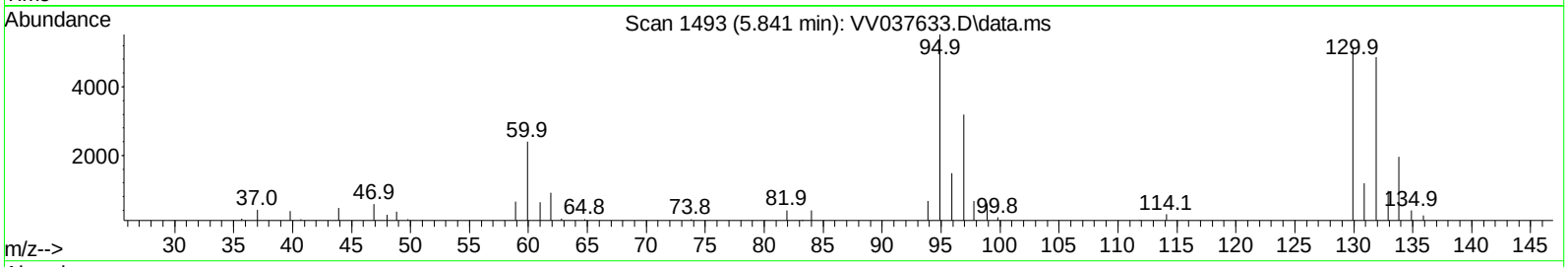

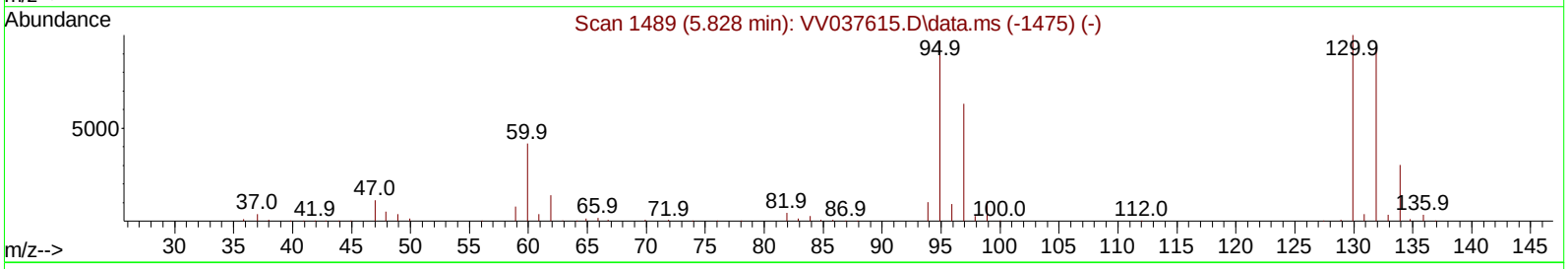

TIC: VV037633.D\data.ms

(34) Trichloroethene (T)

5.841min (+ 0.013) 2.87 ug/L m

response 13197

Ion	Exp%	Act%
95.00	100.00	100.00
97.00	66.10	57.75
132.00	98.00	87.96
130.00	101.30	93.46

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	594677	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	573081	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	256511	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	181458	34.760	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.520%		
7) Chloroethane-d5	1.532	69	160415	39.588	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.180%		
11) 1,1-Dichloroethene-d2	2.060	65	83283	38.186	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.380%		
21) 2-Butanone-d5	3.796	46	147870	79.527	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.530%		
24) Chloroform-d	4.243	84	383144	41.253	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.500%		
26) 1,2-Dichloroethane-d4	4.937	65	231796	42.639	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.280%		
32) Benzene-d6	4.953	84	751717	41.918	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.840%		
36) 1,2-Dichloropropane-d6	5.982	67	242908	42.538	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.080%		
41) Toluene-d8	7.239	98	653484	40.187	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.380%		
43) trans-1,3-Dichloroprop...	7.551	79	98402	37.095	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.200%		
47) 2-Hexanone-d5	8.024	63	83964	69.634	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	69.630%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	275109	41.463	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.920%		
66) 1,2-Dichlorobenzene-d4	11.554	152	251709	46.568	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.140%		
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	2.693	96	5225	1.248	ug/L	92
19) 1,1-Dichloroethane	3.105	63	208178	25.942	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	84925	18.119	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	226606	32.105	ug/L	99
34) Trichloroethene	5.841	95	13197m	2.867	ug/L	
46) Tetrachloroethene	7.905	164	14416	4.096	ug/L	89

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

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