Quantitation Report (Qedit)

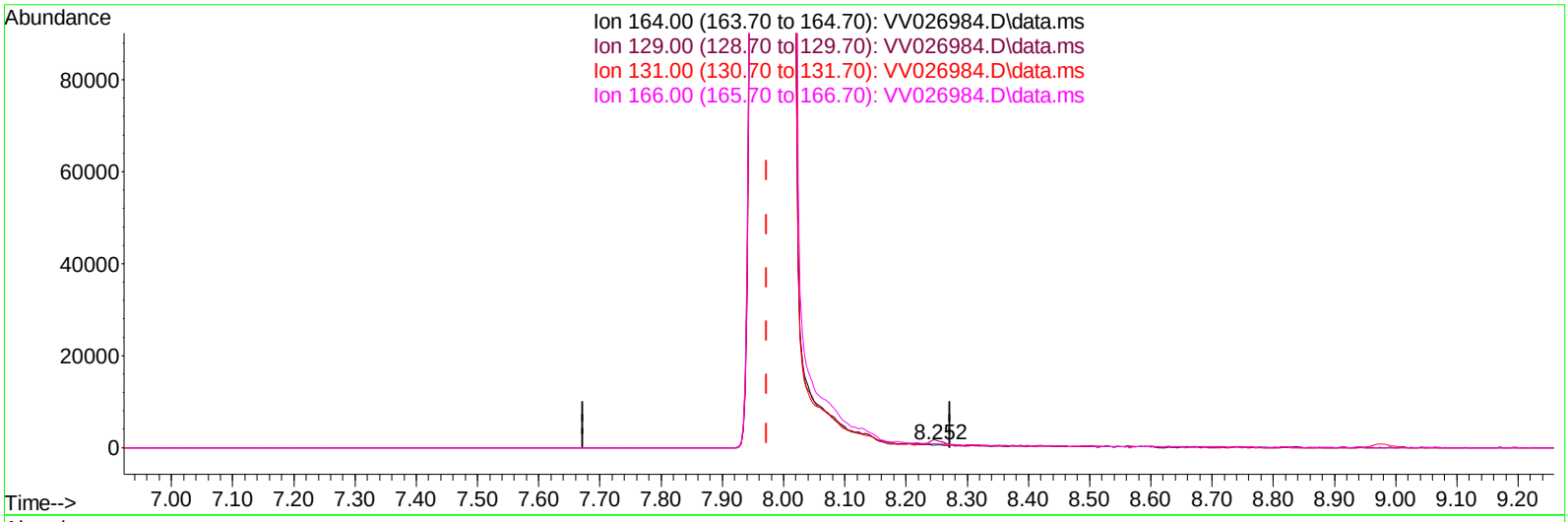
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072622\
Data File : VV026984.D
Acq On : 27 Jul 2022 04:58
Operator : SY/MD
Sample : N3880-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

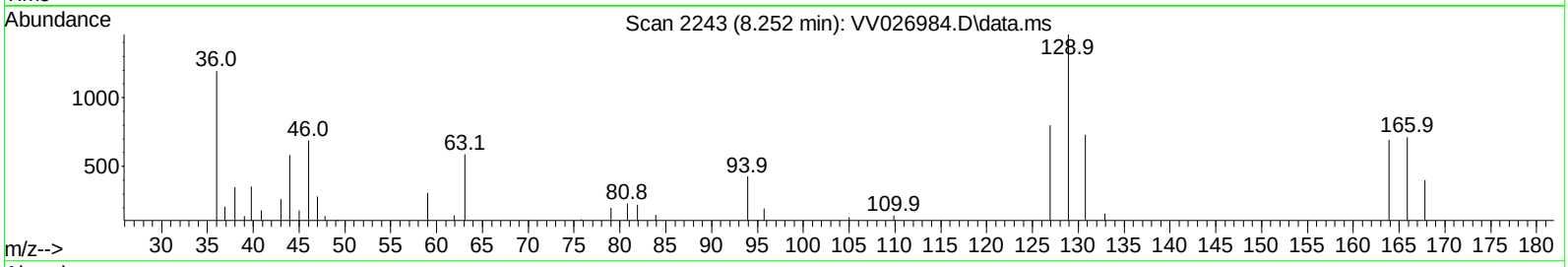
Quant Time: Jul 27 07:03:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 27 02:43:35 2022
Response via : Initial Calibration

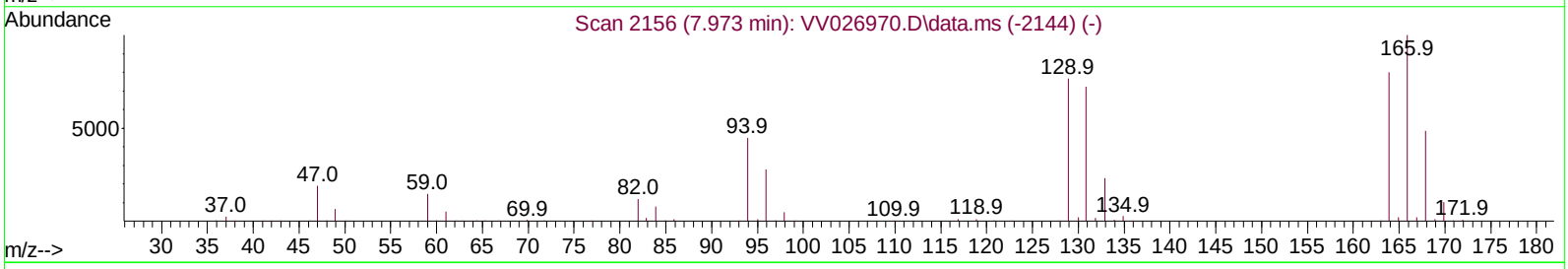
Instrument :
MSVOA_V
ClientSampleId :
DBUG1

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022







TIC: VV026984.D\data.ms

(46) Tetrachloroethene (T)

8.252min (+ 0.280) 0.03 ug/L

response 88

Ion	Exp%	Act%
164.00	100.00	100.00
129.00	94.70	210.84#
131.00	90.20	105.35
166.00	123.20	103.03

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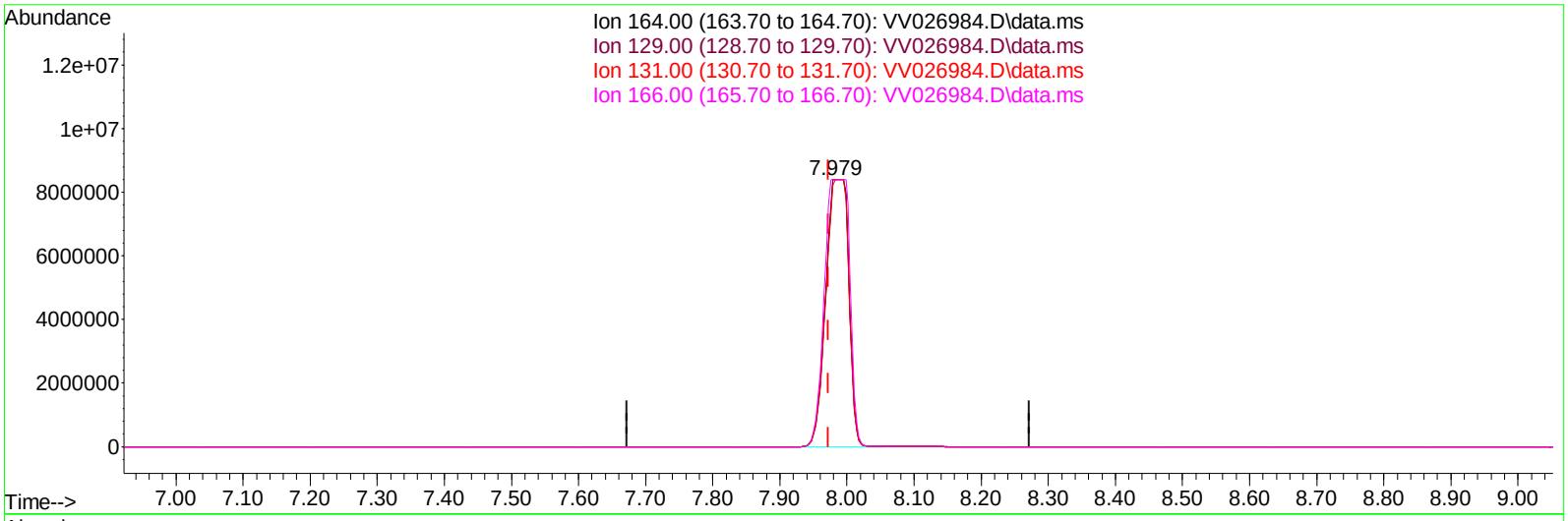

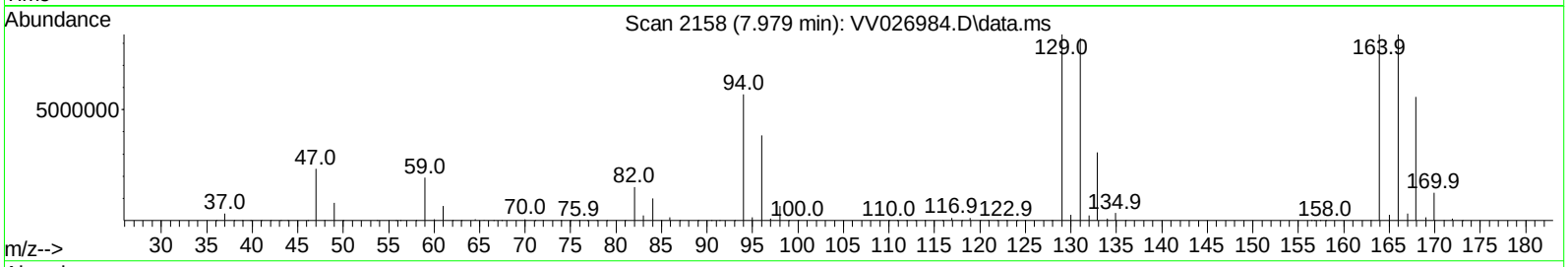

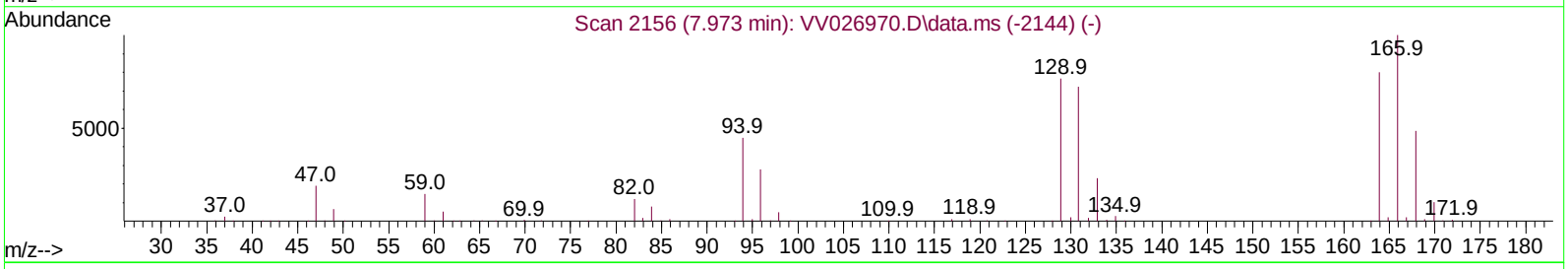

TIC: VV026984.D\data.ms

(46) Tetrachloroethene (T)

7.979min (+ 0.006) 7049.34 ug/L m

response 20103782

Ion	Exp%	Act%
164.00	100.00	100.00
129.00	94.70	100.00
131.00	90.20	97.98
166.00	123.20	100.00

Quantitation Report (QT/LSC Reviewed)

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Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	468137	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	442390	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	182483	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	212575	54.141	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.280%			
7) Chloroethane-d5	1.564	69	186096	58.588	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 117.180%			
11) 1,1-Dichloroethene-d2	2.105	63	273193	38.675	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.360%			
21) 2-Butanone-d5	3.886	46	294065	111.114	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.110%			
24) Chloroform-d	4.342	84	422084	54.623	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.240%			
26) 1,2-Dichloroethane-d4	5.027	65	259244	58.651	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.300%			
32) Benzene-d6	5.047	84	821518	61.433	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 122.860%			
36) 1,2-Dichloropropane-d6	6.066	67	274310	63.653	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 127.300%#			
41) Toluene-d8	7.313	98	627573	53.637	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.280%			
43) trans-1,3-Dichloroprop...	7.622	79	86844	48.094	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.180%			
47) 2-Hexanone-d5	8.088	63	213081	113.558	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.560%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	373294	57.021	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 114.040%			
66) 1,2-Dichlorobenzene-d4	11.622	152	225095	65.750	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 131.500%#			
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	2.764	96	2514	0.657	ug/L	89
20) cis-1,2-Dichloroethene	3.905	96	222373	55.169	ug/L	97
25) Chloroform	4.368	83	32076	4.270	ug/L	99
34) Trichloroethene	5.912	95	186158	50.920	ug/L	97
38) Bromodichloromethane	6.513	83	6416	1.278	ug/L #	97
46) Tetrachloroethene	7.979	164	20103782m	7049.344	ug/L	

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

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