Quantitation Report (Qedit)

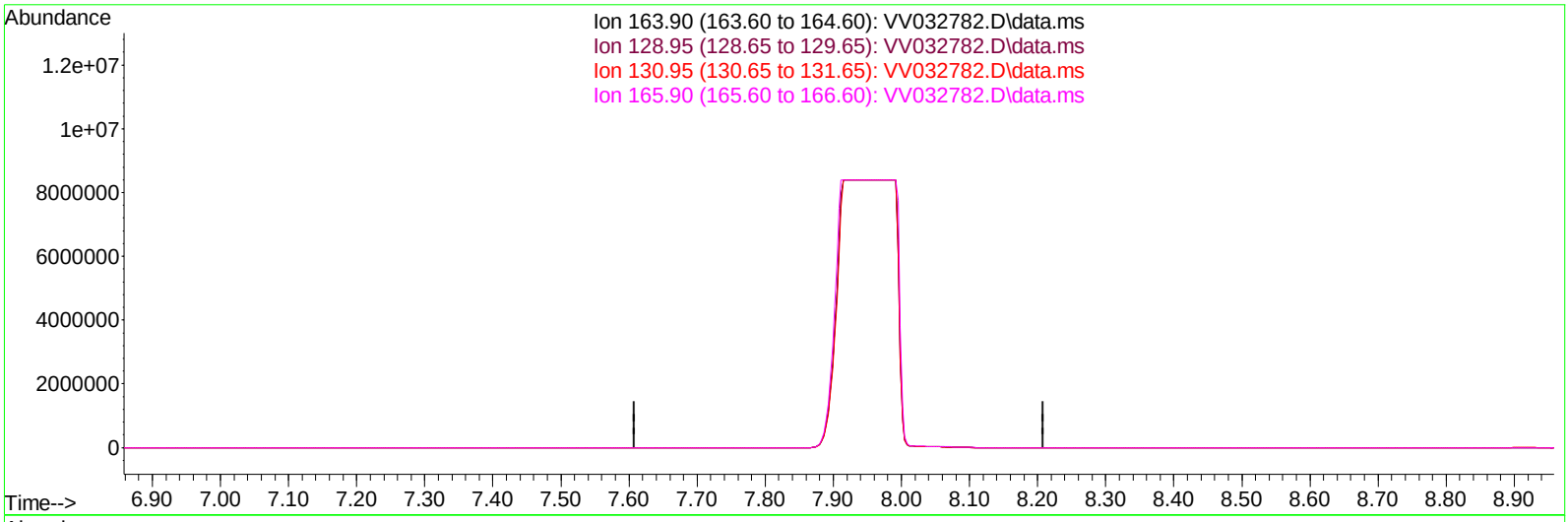
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103023\
Data File : VV032782.D
Acq On : 30 Oct 2023 19:21
Operator : SY/MD
Sample : 05114-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

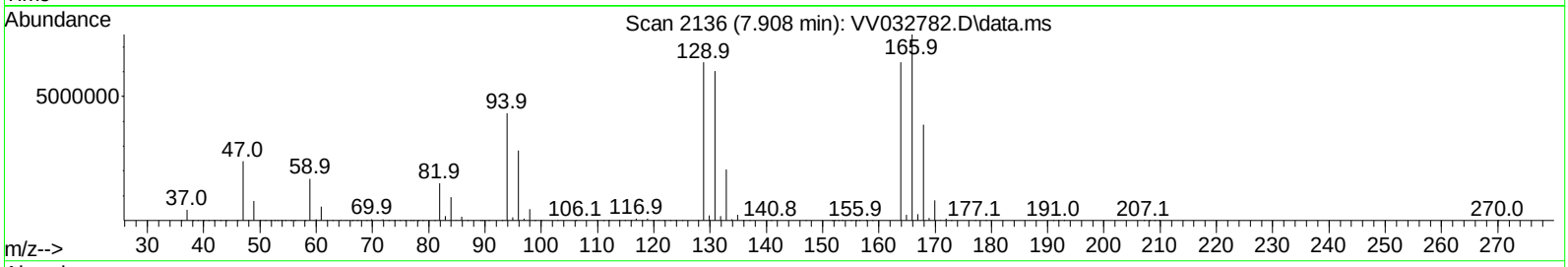
Quant Time: Oct 31 02:29:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 31 02:23:31 2023
Response via : Initial Calibration

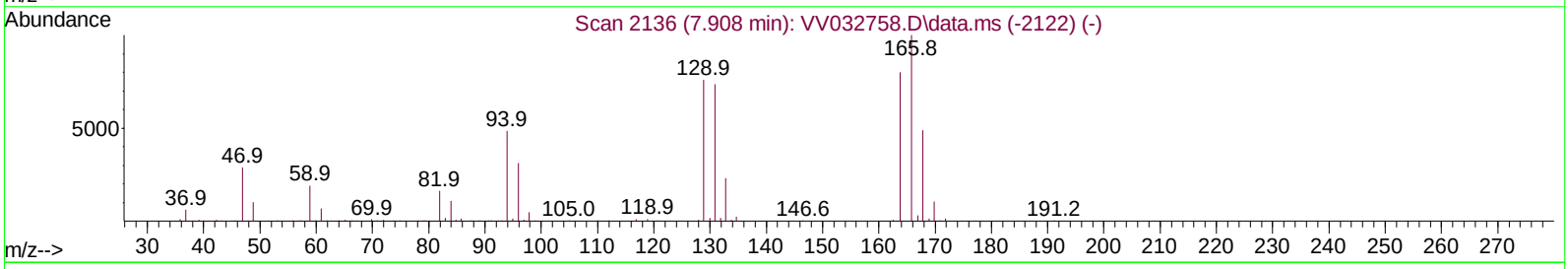
Instrument :
MSVOA_V
ClientSampleId :
C0B68

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 11/01/2023







TIC: VV032782.D\data.ms

(47) Tetrachloroethene (T)

7.908min (-7.908) 0.00 ug/L

response 0

Ion	Exp%	Act%
163.90	100.00	0.00
128.95	93.30	0.00#
130.95	95.20	0.00#
165.90	130.90	0.00#

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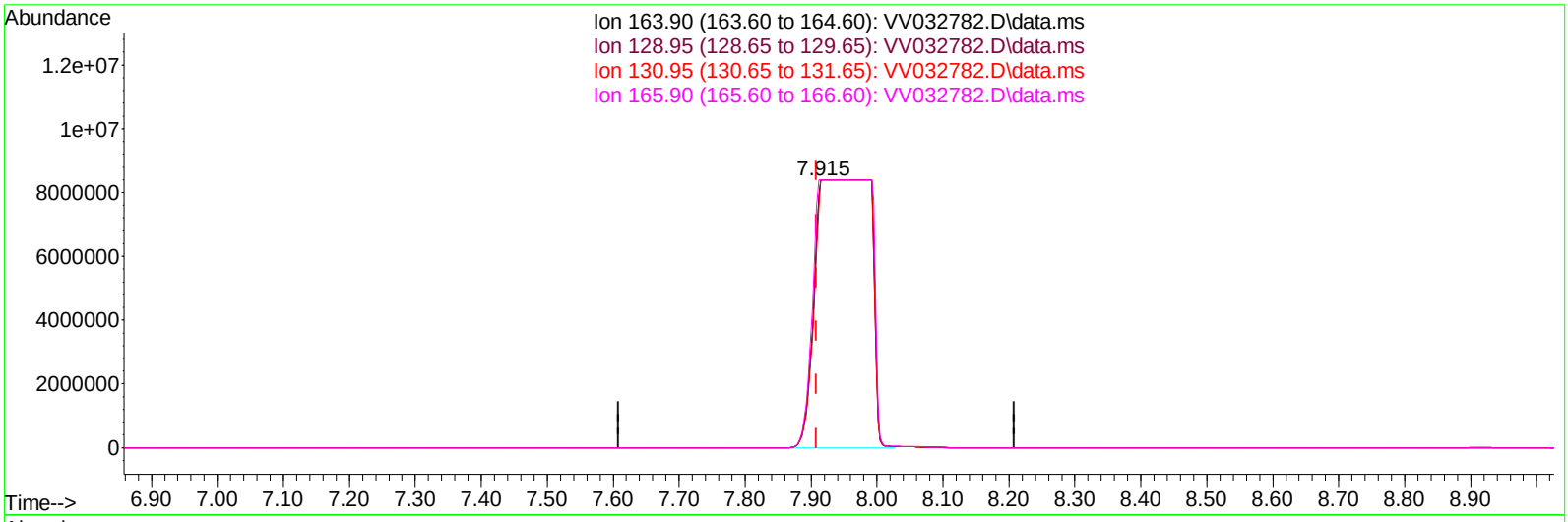

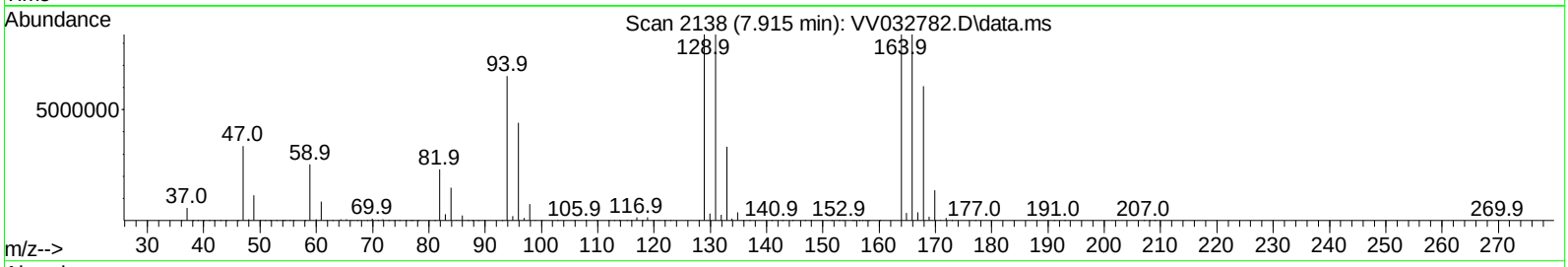

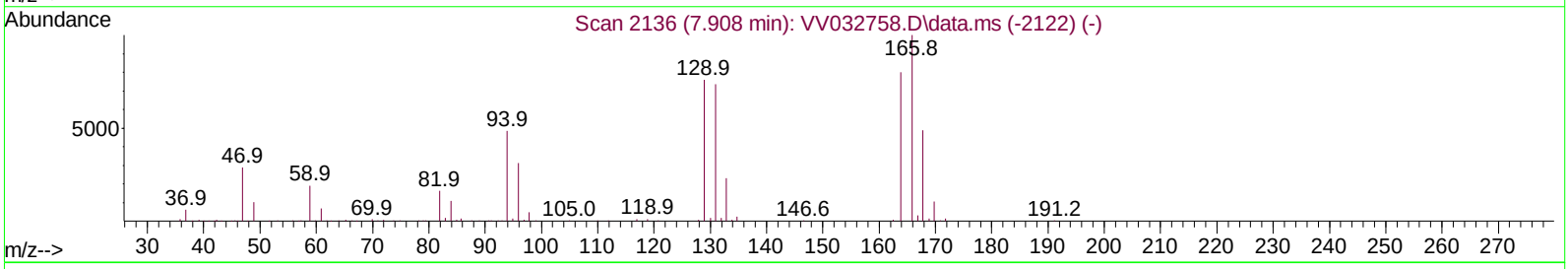

TIC: VV032782.D\data.ms

(47) Tetrachloroethene (T)

7.915min (+ 0.006) 4260.92 ug/L m

response 48382175

Ion	Exp%	Act%
163.90	100.00	100.00
128.95	93.30	100.00
130.95	95.20	100.00
165.90	130.90	100.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	124362	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	152582	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	68632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	41964	4.109	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.200%			
7) Chloroethane-d5	1.532	69	43249	4.983	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.600%			
11) 1,1-Dichloroethene-d2	2.060	65	20412	4.452	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.000%			
20) 2-Butanone-d5	3.806	46	99039	44.904	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.800%			
24) Chloroform-d	4.253	84	92558	5.458	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.200%			
26) 1,2-Dichloroethane-d4	4.947	65	46017	5.496	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.000%			
32) Benzene-d6	4.963	84	156785	4.316	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.400%			
36) 1,2-Dichloropropane-d6	5.992	67	51355	4.882	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.600%			
41) Toluene-d8	7.249	98	143970	3.910	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.200%			
43) trans-1,3-Dichloroprop...	7.561	79	18493	3.984	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.600%			
46) 2-Hexanone-d5	8.034	63	98749	53.679	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.360%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	44788	4.788	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.800%			
66) 1,2-Dichlorobenzene-d4	11.564	152	58778	5.245	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.800%			
Target Compounds						Qvalue
25) Chloroform	4.278	83	16573	0.782	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	4429	0.225	ug/L #	75
34) Trichloroethene	5.834	95	103206	8.032	ug/L	96
47) Tetrachloroethene	7.915	164	48382175m	4260.923	ug/L	
51) Chlorobenzene	8.825	112	11619	0.315	ug/L	92

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

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