Quantitation Report (Qedit)

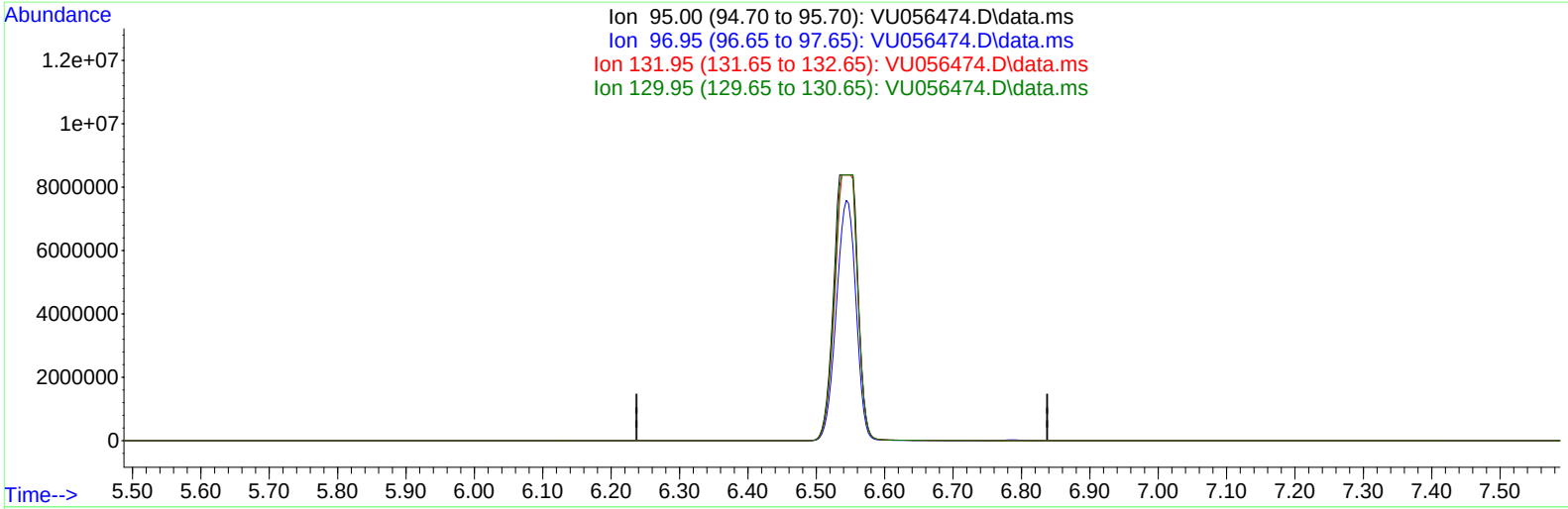
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
Data File : VU056474.D
Acq On : 18 Nov 2023 12:27
Operator : MD/SY
Sample : 05436-11
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

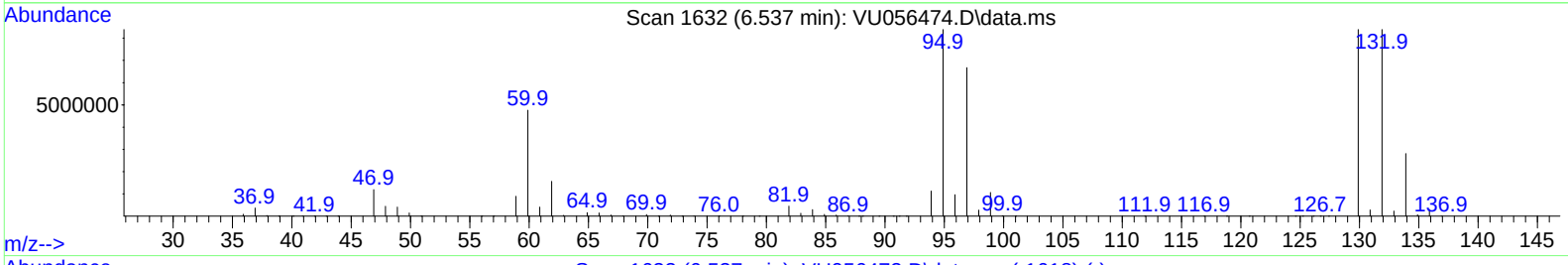
Quant Time: Nov 18 23:12:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 18 00:12:04 2023
Response via : Initial Calibration

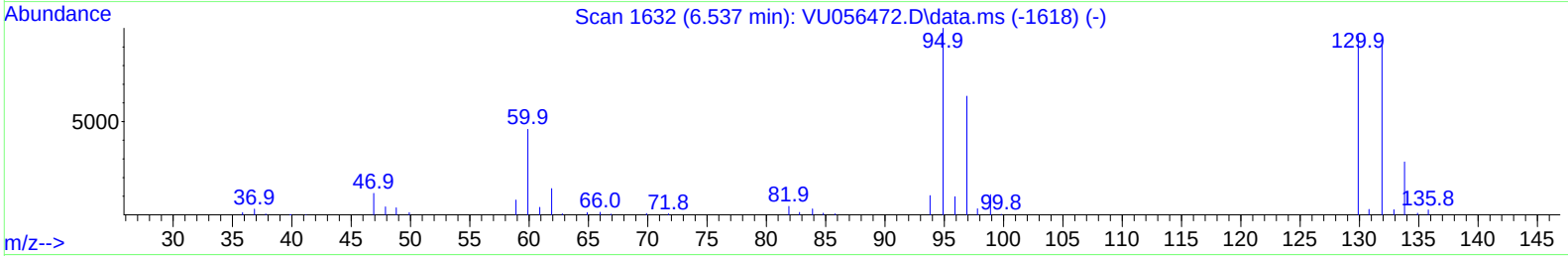
Instrument :
MSVOA_U
ClientSampleId :
EY1C3

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 11/20/2023
Supervised By :Semsettin Yesilyurt 11/20/2023







TIC: VU056474.D\data.ms

(34) Trichloroethene (T)

6.537min (-6.537) 0.00 ug/L

response 0

Ion	Exp%	Act%
95.00	100.00	0.00
96.95	66.40	0.00#
131.95	88.60	0.00#
129.95	94.70	0.00#

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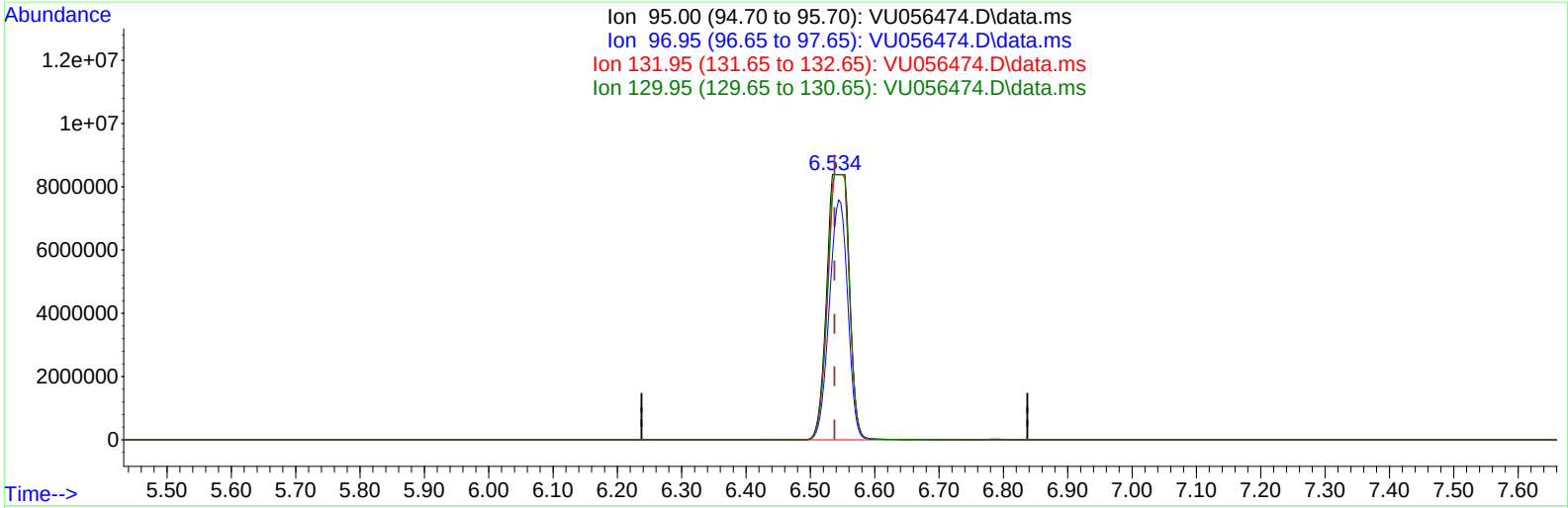

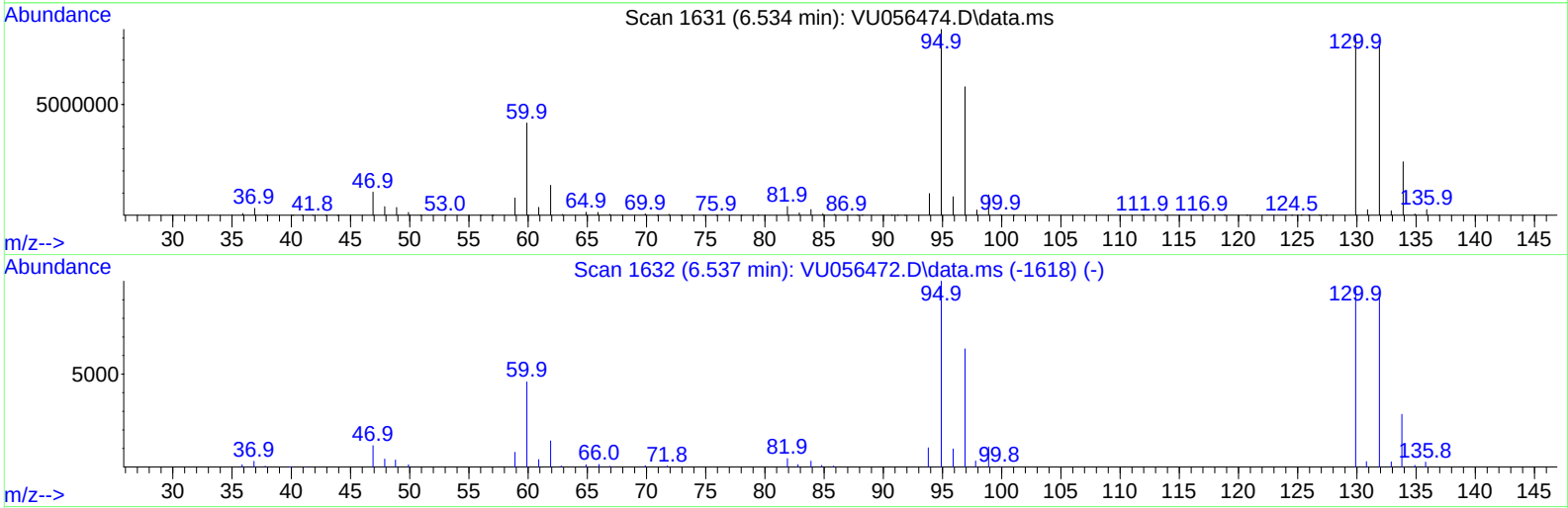

TIC: VU056474.D\data.ms

(34) Trichloroethene (T)

6.534min (-0.003) 966.75 ug/L m

response 20505462

Ion	Exp%	Act%
95.00	100.00	100.00
96.95	66.40	69.13
131.95	88.60	91.02
129.95	94.70	95.87

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	279643	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	272832	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	111141	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	73412	3.510	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.200%			
7) Chloroethane-d5	1.904	69	70670	4.407	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.200%			
11) 1,1-Dichloroethene-d2	2.563	65	35127	3.805	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.200%			
20) 2-Butanone-d5	4.618	46	246742	59.160	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.320%			
24) Chloroform-d	5.058	84	193870	4.792	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.800%			
26) 1,2-Dichloroethane-d4	5.695	65	100552	5.379	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.600%			
32) Benzene-d6	5.724	84	353242	4.346	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.000%			
36) 1,2-Dichloropropane-d6	6.685	67	116874	4.771	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.400%			
41) Toluene-d8	7.894	98	294682	4.105	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.200%			
43) trans-1,3-Dichloroprop...	8.177	79	42062	4.477	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.600%			
46) 2-Hexanone-d5	8.631	63	204778	55.459	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.920%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	92667	5.294	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.800%			
66) 1,2-Dichlorobenzene-d4	12.190	152	102916	5.013	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.200%			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	60298	2.663	ug/L	96
5) Vinyl chloride	1.602	62	11555	0.530	ug/L #	72
8) Chloroethane	1.930	64	5492	0.412	ug/L #	78
12) 1,1-Dichloroethene	2.576	96	7403	0.432	ug/L #	1
18) trans-1,2-Dichloroethene	3.351	96	14545	0.826	ug/L	99
19) 1,1-Dichloroethane	3.865	63	80700	2.313	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	240381	12.034	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	93193	2.976	ug/L	99
34) Trichloroethene	6.534	95	20505462m	966.751	ug/L	
37) 1,2-Dichloropropane	6.785	63	801851	39.497	ug/L	100
45) 1,1,2-Trichloroethane	8.402	97	3101	0.229	ug/L	91

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

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