Quantitation Report (Qedit)

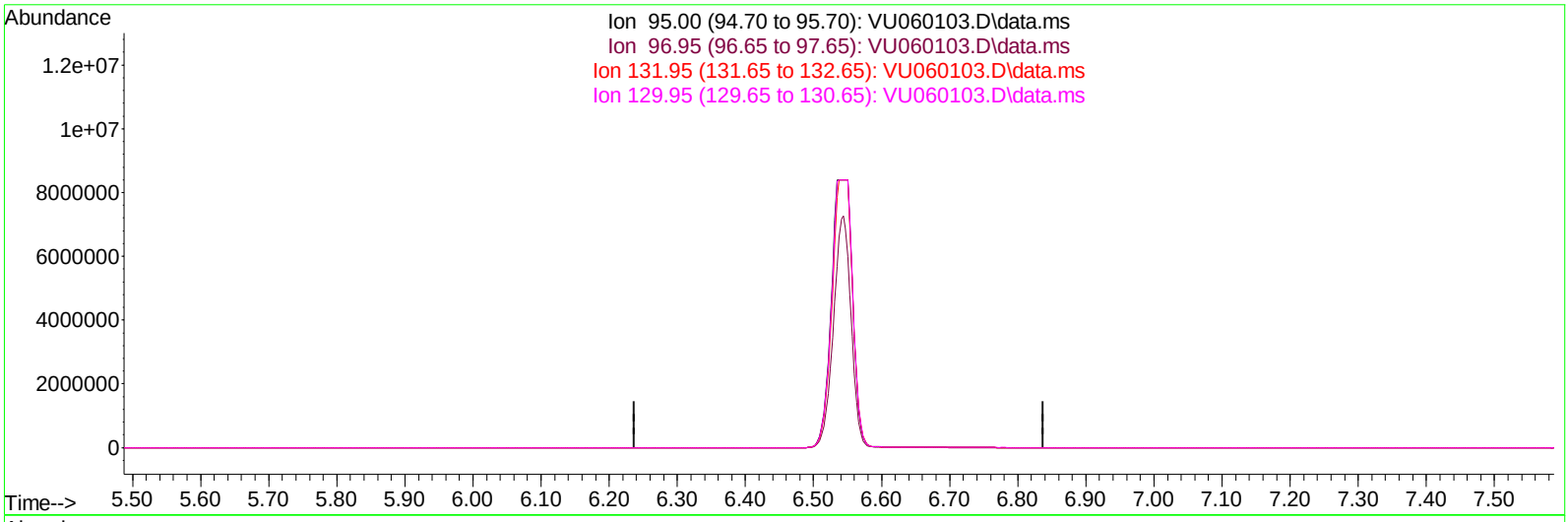
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072224\
Data File : VU060103.D
Acq On : 22 Jul 2024 19:34
Operator : MD/SY
Sample : P3325-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

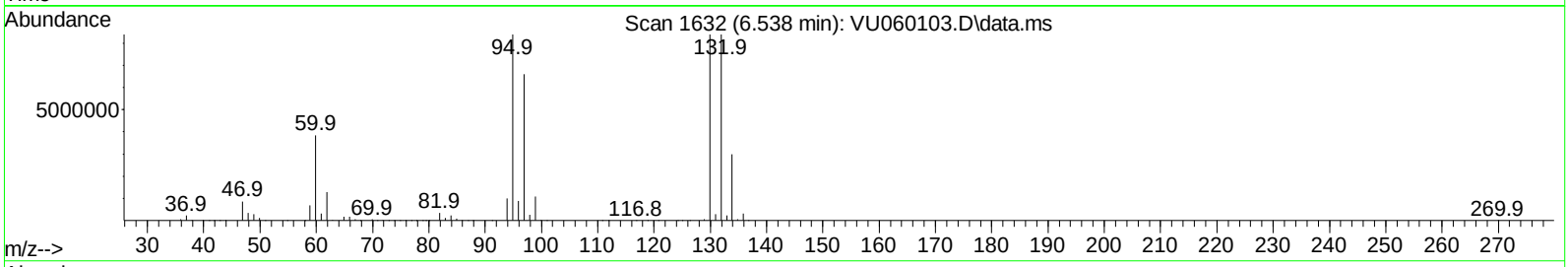
Quant Time: Jul 23 08:20:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 23 07:21:00 2024
Response via : Initial Calibration

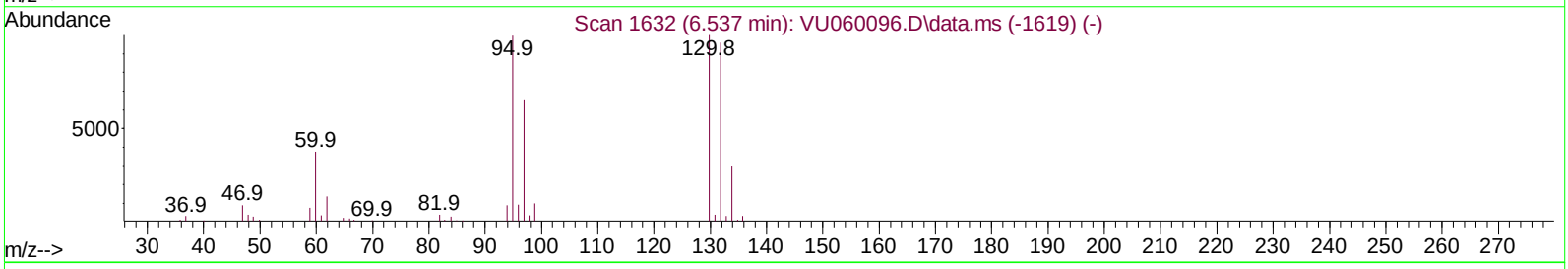
Instrument :
MSVOA_U
ClientSampleId :
C0B34

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 07/24/2024
Supervised By :Semsettin Yesilyurt 07/24/2024







TIC: VU060103.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	65.60	0.00#
131.95	102.00	0.00#
129.95	103.00	0.00#

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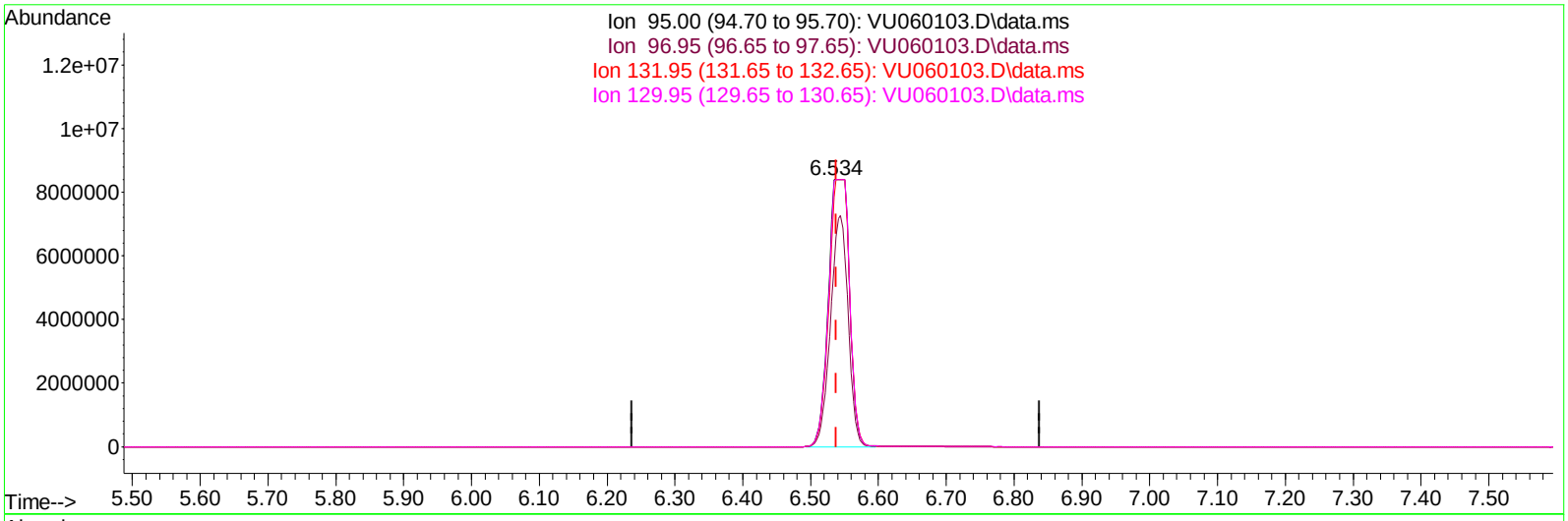

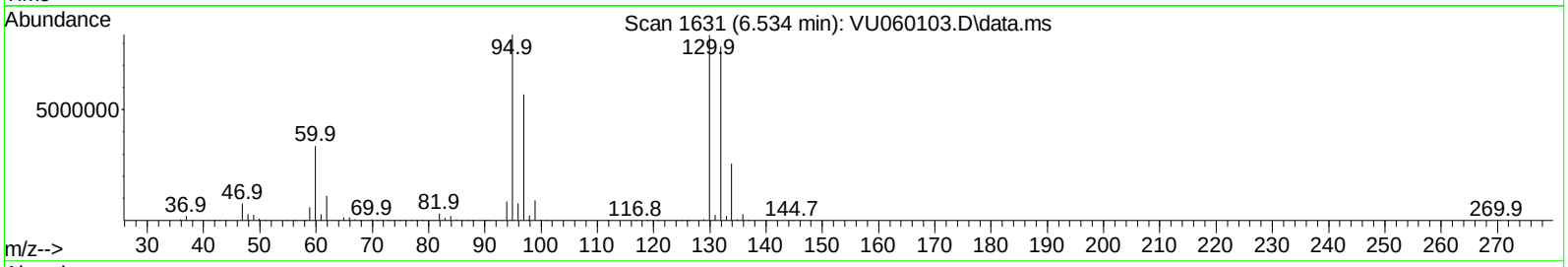

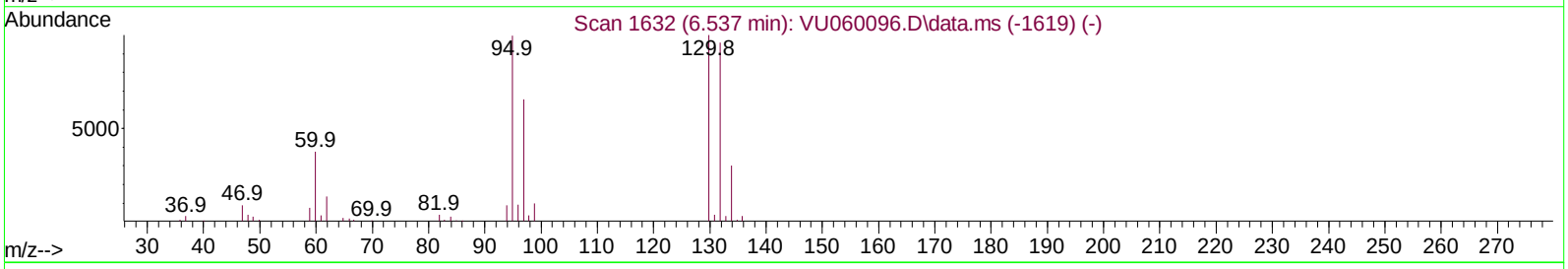

TIC: VU060103.D\data.ms

(34) Trichloroethene (T)

6.534min (-0.003) 1527.64 ug/L m

response 18180792

Ion	Exp%	Act%
95.00	100.00	100.00
96.95	65.60	67.77
131.95	102.00	93.41
129.95	103.00	99.54

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	128783	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	135837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	69320	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31319	3.495	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	70.000%		
7) Chloroethane-d5	1.908	69	33008	3.965	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	79.400%		
11) 1,1-Dichloroethene-d2	2.560	65	13141	3.756	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	75.200%		
20) 2-Butanone-d5	4.621	46	107809	51.464	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	102.920%		
24) Chloroform-d	5.055	84	82517	4.382	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	87.600%		
26) 1,2-Dichloroethane-d4	5.695	65	38795	4.424	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	88.400%		
32) Benzene-d6	5.721	84	142474	3.915	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	78.200%		
36) 1,2-Dichloropropane-d6	6.685	67	48642	4.194	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	83.800%		
41) Toluene-d8	7.894	98	114806	3.491	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	69.800%#		
43) trans-1,3-Dichloroprop...	8.177	79	15063	3.816	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	76.400%		
46) 2-Hexanone-d5	8.627	63	87019	49.675	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	99.340%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48681	4.716	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	94.400%		
66) 1,2-Dichlorobenzene-d4	12.190	152	55059	4.400	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	88.000%		
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	5749	0.436	ug/L #	80
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	30016	2.766	ug/L	99
12) 1,1-Dichloroethene	2.573	96	155163	15.785	ug/L #	78
13) Acetone	2.631	43	7263	5.241	ug/L	94
16) Methylene chloride	3.036	84	1419333	117.767	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	5480	0.244	ug/L #	92
18) trans-1,2-Dichloroethene	3.351	96	3573	0.349	ug/L	89
19) 1,1-Dichloroethane	3.862	63	44511	2.293	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	501979	43.831	ug/L	99
25) Chloroform	5.078	83	146429	6.858	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	13718	0.809	ug/L	97
31) Carbon tetrachloride	5.518	117	23991	1.639	ug/L	100
33) Benzene	5.776	78	6530	0.146	ug/L	100
34) Trichloroethene	6.534	95	18180792m	1527.638	ug/L	
38) Bromodichloromethane	7.100	83	3378	0.222	ug/L #	86
42) Toluene	7.965	91	42653	0.893	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	4100	0.443	ug/L	90
47) Tetrachloroethene	8.547	164	457994	46.542	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Ethylbenzene	9.566	91	138874	2.916	ug/L	100
53) m,p-Xylene	9.689	106	236510	12.855	ug/L	98
54) o-Xylene	10.094	106	119519	6.793	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	17460	0.504	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	54449	1.627	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	24462	1.048	ug/L	95

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

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