Quantitation Report (Qedit)

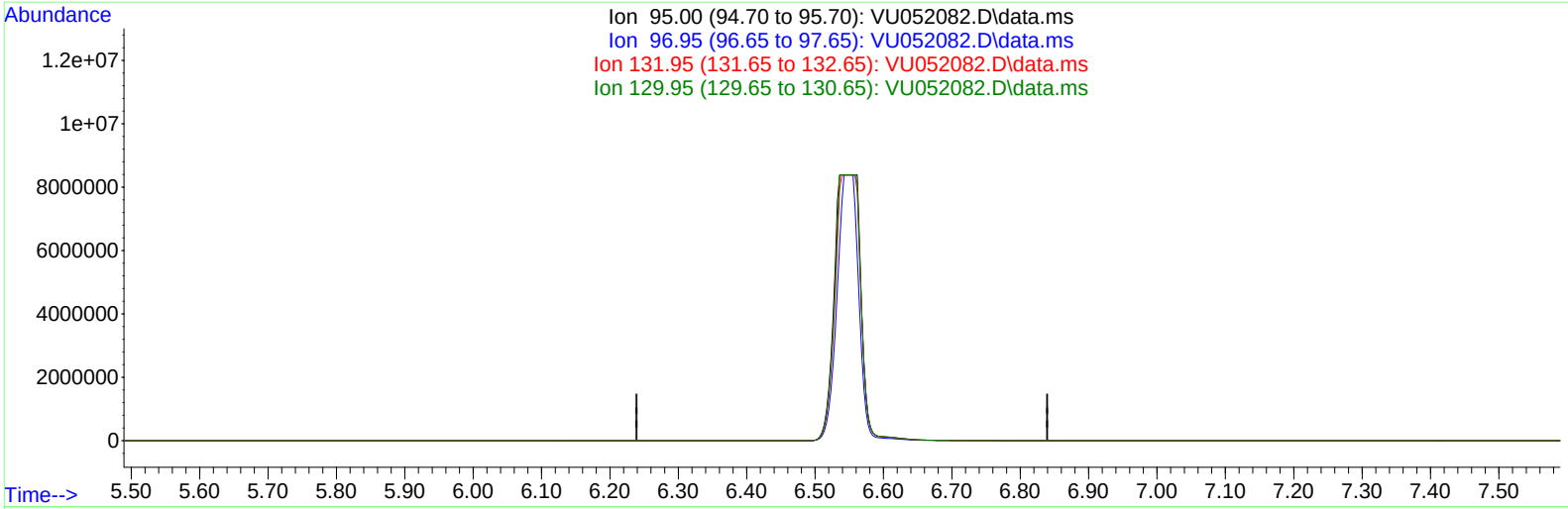
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
Data File : VU052082.D
Acq On : 23 Nov 2022 10:37
Operator : JC/MD
Sample : N5760-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

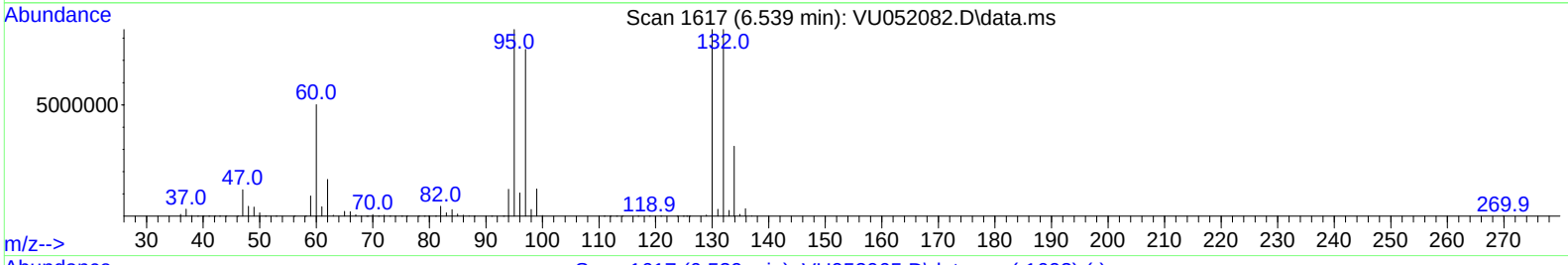
Quant Time: Nov 24 08:58:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 24 05:20:45 2022
Response via : Initial Calibration

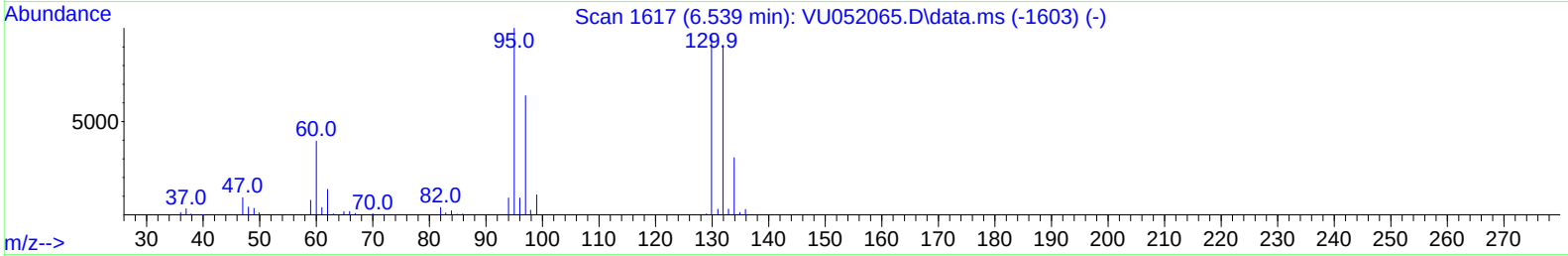
Instrument :
MSVOA_U
ClientSampleId :
C0L20

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/25/2022







TIC: VU052082.D\data.ms

(34) Trichloroethene (T)

6.539min (-6.539) 0.00 ug/L

response 0

Ion	Exp%	Act%
95.00	100.00	0.00
96.95	62.40	0.00#
131.95	91.80	0.00#
129.95	96.10	0.00#

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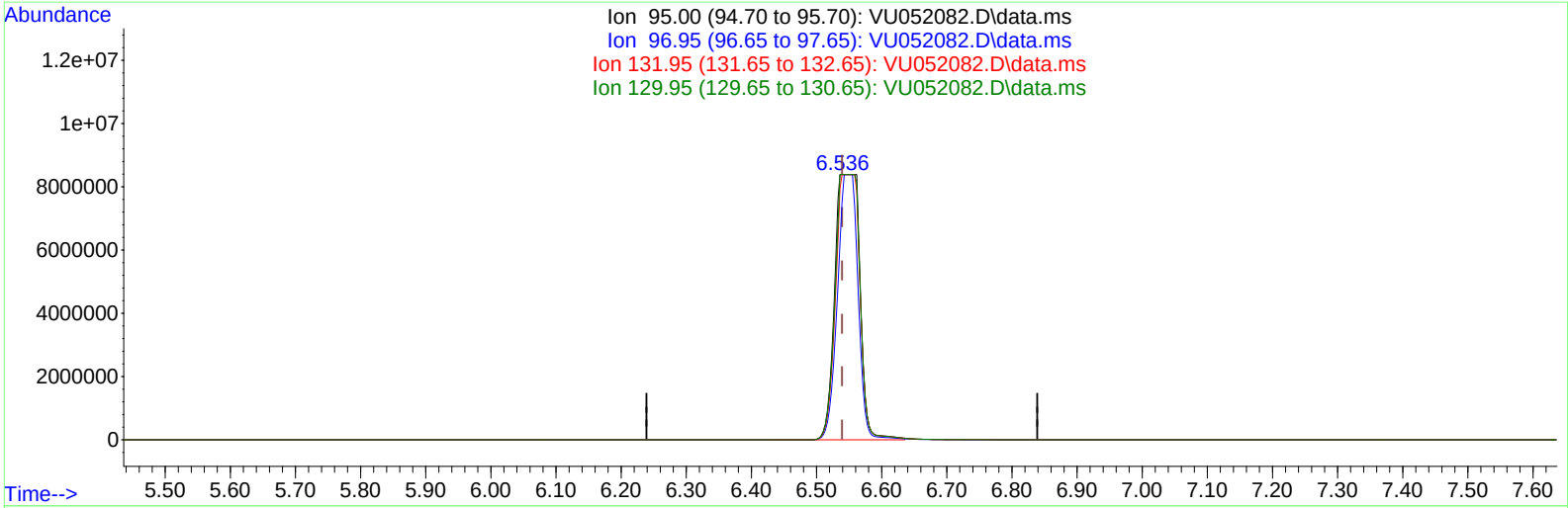

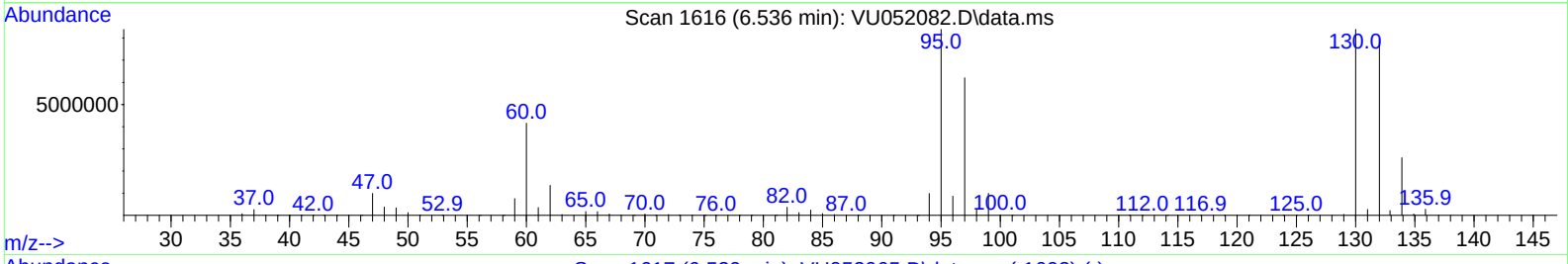

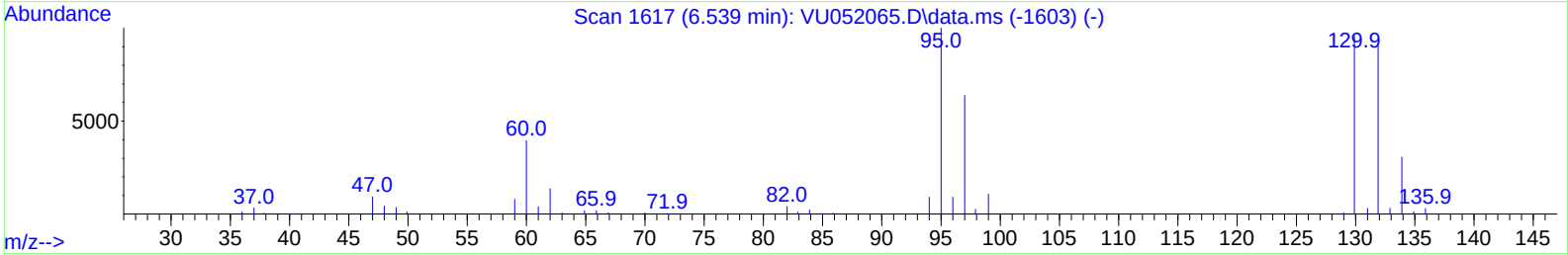

TIC: VU052082.D\data.ms

(34) Trichloroethene (T)

6.536min (-0.003) 1259.48 ug/L m

response 22377686

Ion	Exp%	Act%
95.00	100.00	100.00
96.95	62.40	73.94
131.95	91.80	94.59
129.95	96.10	100.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 24 05:20:45 2022
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Instrument :
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Manual IntegrationsAPPROVED

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Supervised By :Mahesh Dadoda 11/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	216051	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	218882	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	82163	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	98922	4.707	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.200%			
7) Chloroethane-d5	1.912	69	80551	4.935	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.600%			
11) 1,1-Dichloroethene-d2	2.568	65	34766	4.615	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.400%			
20) 2-Butanone-d5	4.616	46	211121	55.423	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.840%			
24) Chloroform-d	5.060	84	167088	5.411	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.200%			
26) 1,2-Dichloroethane-d4	5.700	65	84475	5.416	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.400%			
32) Benzene-d6	5.726	84	344225	5.297	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.000%			
36) 1,2-Dichloropropane-d6	6.690	67	109831	5.461	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.200%			
41) Toluene-d8	7.896	98	273702	4.655	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.200%			
43) trans-1,3-Dichloroprop...	8.179	79	37252	5.083	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.600%			
46) 2-Hexanone-d5	8.629	63	165003	53.129	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.260%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	94855	5.440	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	99652	6.335	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 126.600%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	383058	16.303	ug/L	98
8) Chloroethane	1.935	64	2262	0.155	ug/L #	83
12) 1,1-Dichloroethene	2.581	96	47841	3.052	ug/L	95
18) trans-1,2-Dichloroethene	3.353	96	79521	4.733	ug/L	95
19) 1,1-Dichloroethane	3.870	63	3298	0.109	ug/L #	93
22) cis-1,2-Dichloroethene	4.665	96	3025811	171.608	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	23354	0.962	ug/L	97
34) Trichloroethene	6.536	95	22377686m	1259.483	ug/L	
42) Toluene	7.967	91	172642	2.356	ug/L	98
53) m,p-Xylene	9.693	106	3590	0.130	ug/L	96

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

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