Quantitation Report (Qedit)

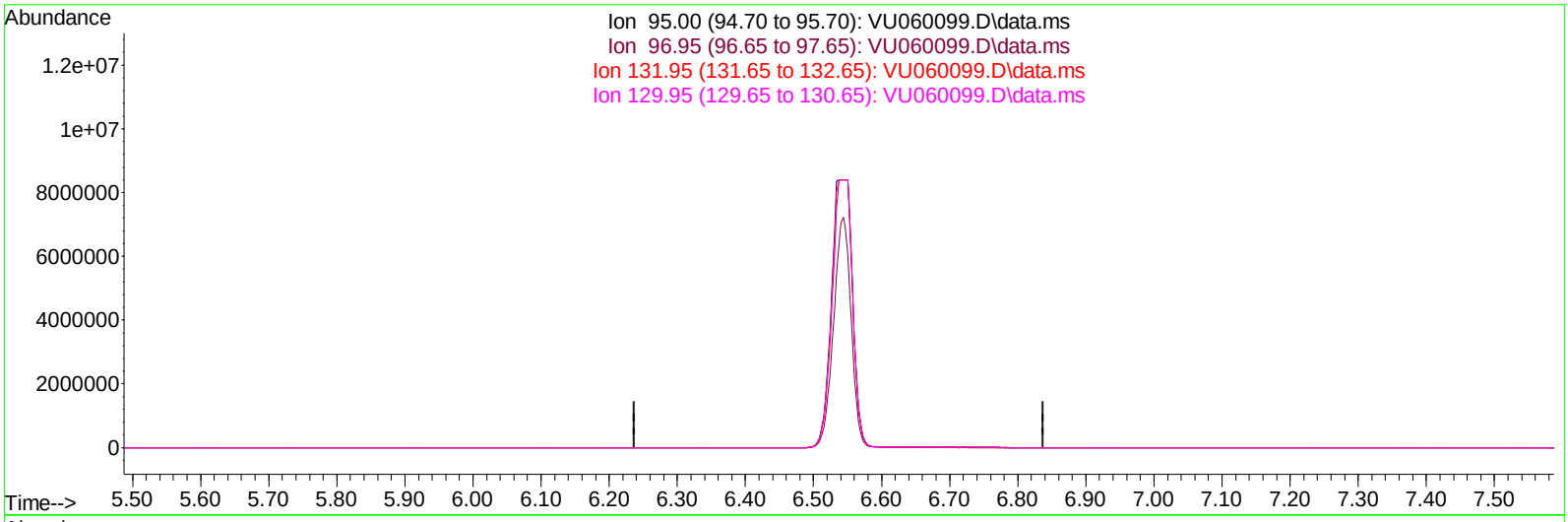
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072224\
Data File : VU060099.D
Acq On : 22 Jul 2024 17:57
Operator : MD/SY
Sample : P3325-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

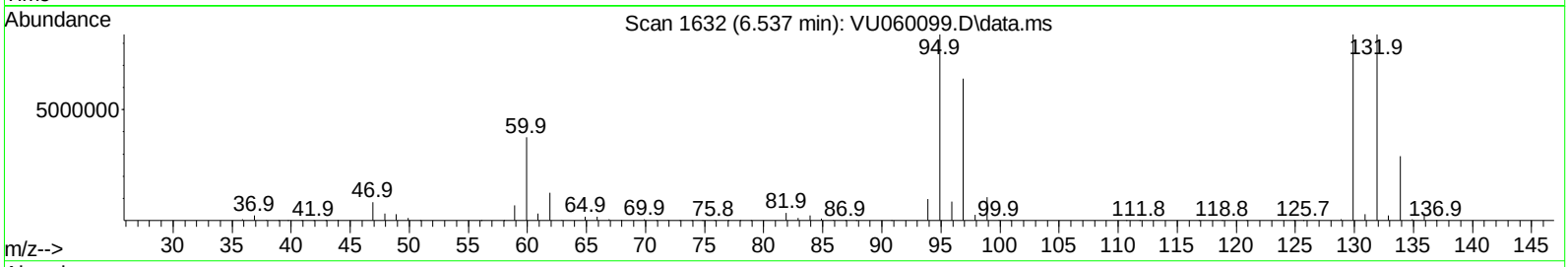
Quant Time: Jul 23 07:22:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 23 07:21:00 2024
Response via : Initial Calibration

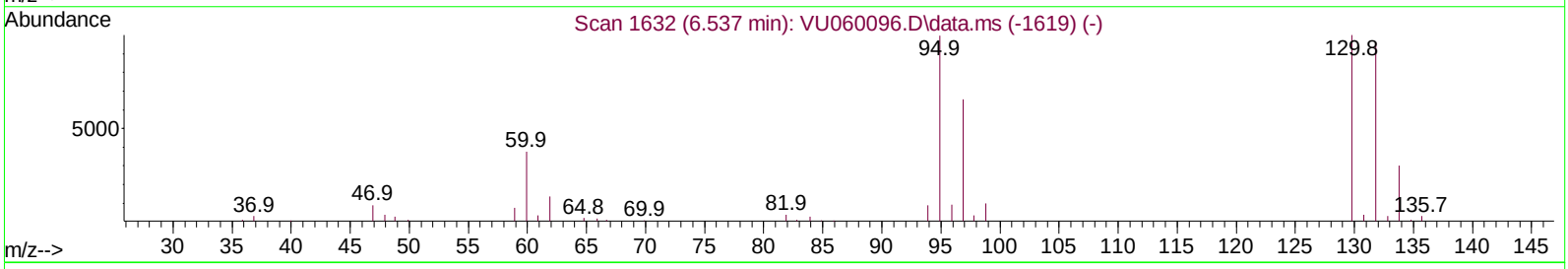
Instrument :
MSVOA_U
ClientSampleId :
C0B29

Manual IntegrationsAPPROVED

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







TIC: VU060099.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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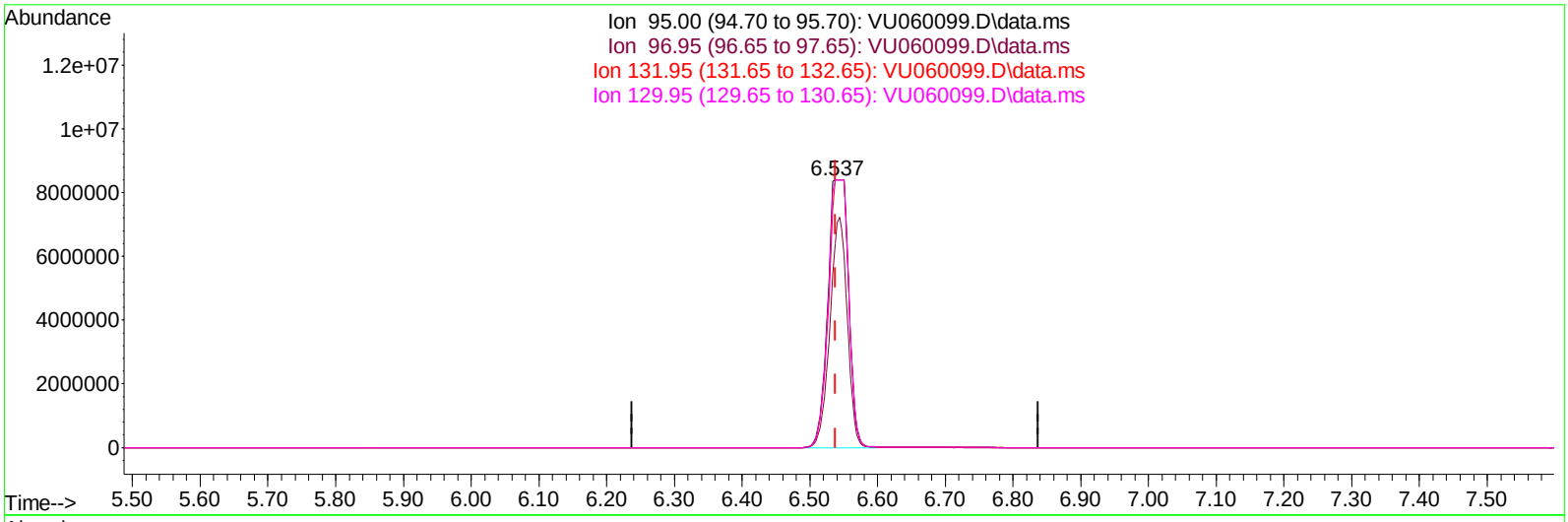

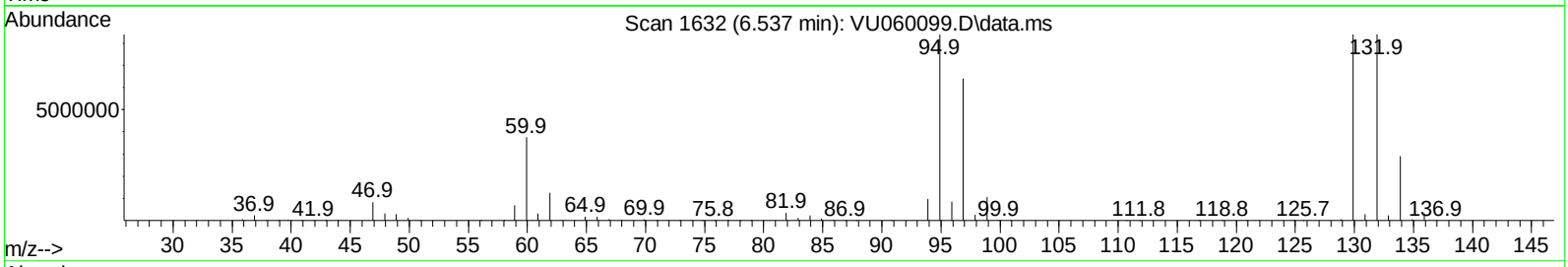

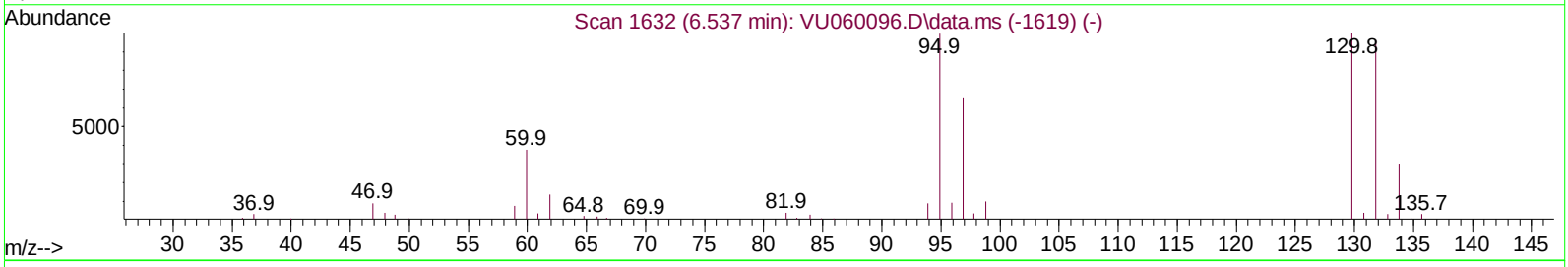

TIC: VU060099.D\data.ms

(34) Trichloroethene (T)

6.537min (-0.000) 1608.29 ug/L m

response 17906005

Ion	Exp%	Act%
95.00	100.00	100.00
96.95	65.60	76.27
131.95	102.00	100.00
129.95	103.00	100.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	121414	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	127075	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65516	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	35317	4.181	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.600%			
7) Chloroethane-d5	1.907	69	35717	4.551	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.000%			
11) 1,1-Dichloroethene-d2	2.560	65	14010	4.248	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.000%			
20) 2-Butanone-d5	4.621	46	109500	55.443	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.880%			
24) Chloroform-d	5.055	84	86818	4.890	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.800%			
26) 1,2-Dichloroethane-d4	5.695	65	41296	4.995	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.000%			
32) Benzene-d6	5.721	84	148578	4.364	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.200%			
36) 1,2-Dichloropropane-d6	6.685	67	51820	4.776	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.600%			
41) Toluene-d8	7.894	98	120092	3.904	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.000%			
43) trans-1,3-Dichloroprop...	8.177	79	16681	4.517	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.400%			
46) 2-Hexanone-d5	8.627	63	91730	55.974	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.940%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	51981	5.383	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.600%			
66) 1,2-Dichlorobenzene-d4	12.190	152	57612	4.872	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	5638	0.454	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	29893	2.922	ug/L	97
12) 1,1-Dichloroethene	2.573	96	152628	16.469	ug/L #	80
13) Acetone	2.634	43	8101	6.201	ug/L	94
16) Methylene chloride	3.036	84	1394290	122.711	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	5414	0.256	ug/L #	83
18) trans-1,2-Dichloroethene	3.348	96	3624	0.376	ug/L	91
19) 1,1-Dichloroethane	3.859	63	42740	2.335	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	496534	45.987	ug/L	99
25) Chloroform	5.081	83	144480	7.178	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	13974	0.880	ug/L	98
31) Carbon tetrachloride	5.518	117	23936	1.748	ug/L	97
33) Benzene	5.775	78	6767	0.161	ug/L	100
34) Trichloroethene	6.537	95	17906005m	1608.290	ug/L	
38) Bromodichloromethane	7.103	83	3089	0.217	ug/L	92
42) Toluene	7.968	91	40911	0.916	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	4085	0.471	ug/L	96
47) Tetrachloroethene	8.547	164	447946	48.660	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Ethylbenzene	9.566	91	133928	3.006	ug/L	99
53) m,p-Xylene	9.688	106	225985	13.130	ug/L	99
54) o-Xylene	10.097	106	116348	7.069	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	17083	0.522	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	53688	1.697	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	23545	1.067	ug/L	99

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

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