Quantitation Report (Qedit)

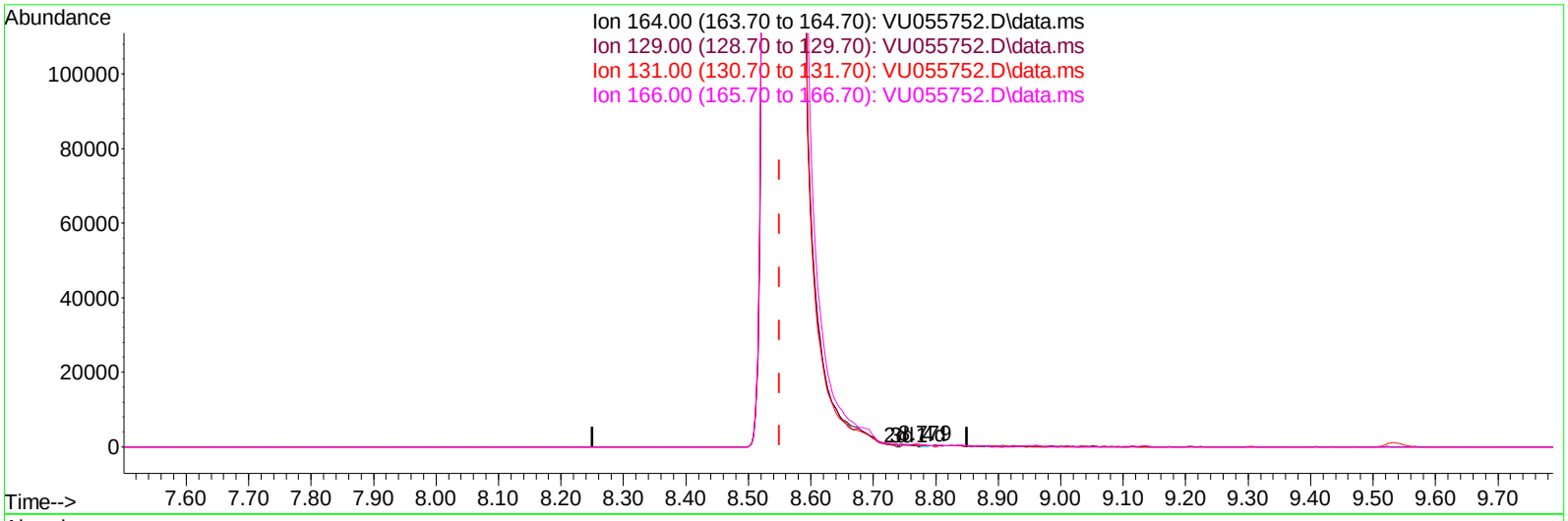
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101123\
Data File : VU055752.D
Acq On : 11 Oct 2023 17:00
Operator : MD/SY
Sample : 04792-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

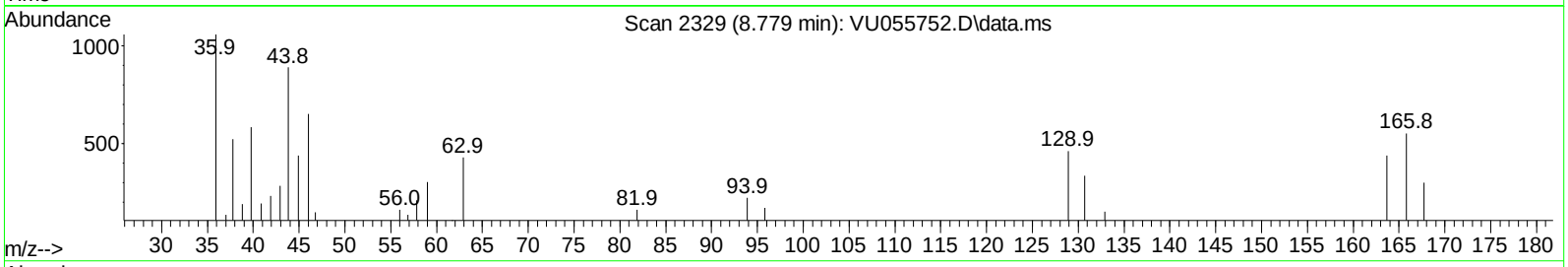
Quant Time: Oct 12 01:57:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 12 01:53:31 2023
Response via : Initial Calibration

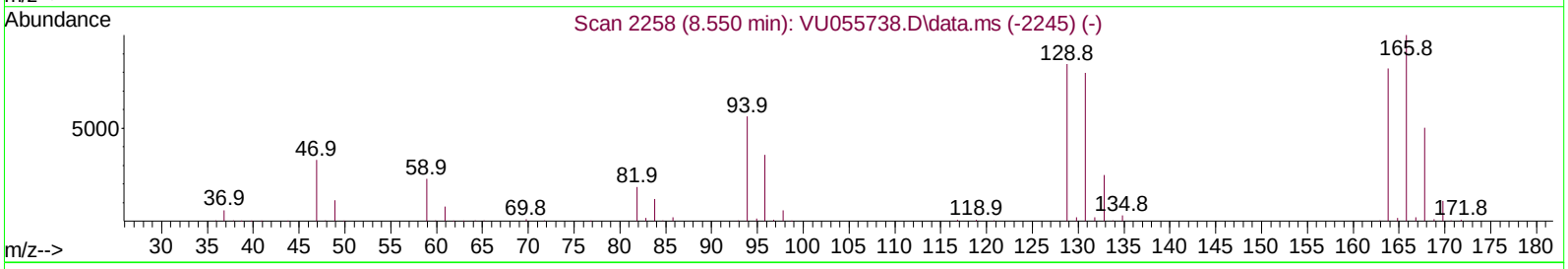
Instrument :
MSVOA_U
ClientSampleId :
EY1B2

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023







TIC: VU055752.D\data.ms

(46) Tetrachloroethene (T)

8.779min (+ 0.228) 0.11 ug/L

response 287

Ion	Exp%	Act%
164.00	100.00	100.00
129.00	101.00	105.01
131.00	94.20	76.08
166.00	125.40	125.74

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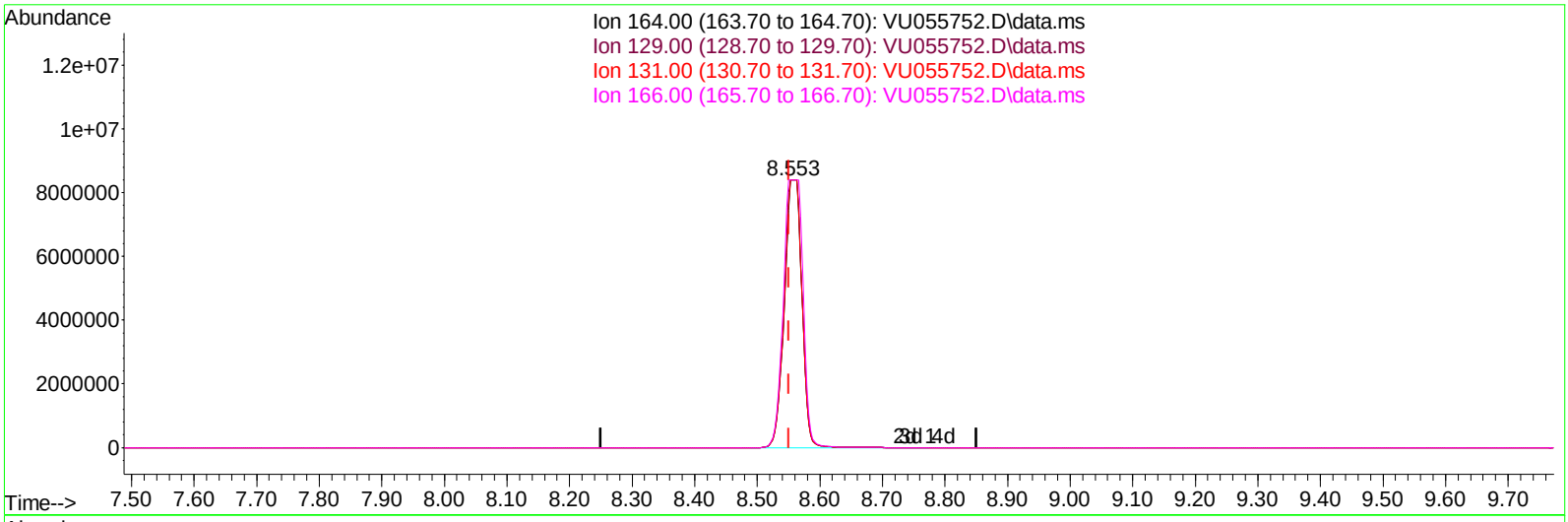

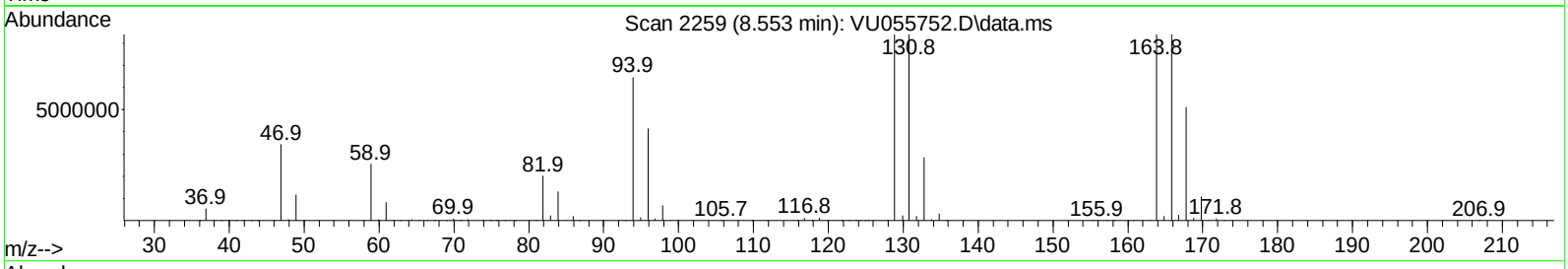

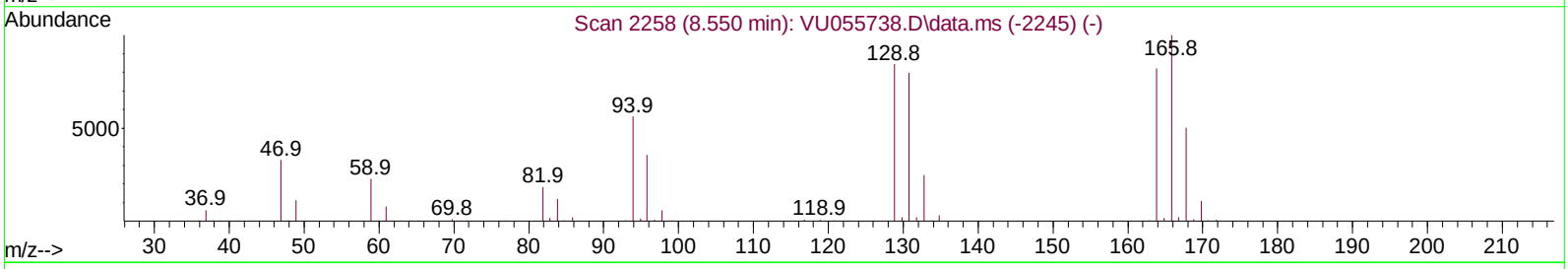

TIC: VU055752.D\data.ms

(46) Tetrachloroethene (T)

8.553min (+ 0.003) 5982.97 ug/L m

response 16210155

Ion	Exp%	Act%
164.00	100.00	100.00
129.00	101.00	100.00
131.00	94.20	100.00
166.00	125.40	100.00

Quantitation Report (QT Reviewed)

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Quant Title : VOC Analysis
QLast Update : Thu Oct 12 01:53:31 2023
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :Mahesh Dadoda 10/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	421124	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	437518	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	217824	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	154146	40.808	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.620%			
7) Chloroethane-d5	1.878	69	129446	41.924	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.840%			
11) 1,1-Dichloroethene-d2	2.557	63	222960	33.104	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.200%			
21) 2-Butanone-d5	4.615	46	259726	92.795	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.790%			
24) Chloroform-d	5.055	84	326542	45.094	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.180%			
26) 1,2-Dichloroethane-d4	5.695	65	215559	48.361	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.720%			
32) Benzene-d6	5.721	84	644062	46.009	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.020%			
36) 1,2-Dichloropropane-d6	6.685	67	204630	46.174	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.340%			
41) Toluene-d8	7.894	98	564048	44.623	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.240%			
43) trans-1,3-Dichloroprop...	8.174	79	97849	45.964	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.920%			
47) 2-Hexanone-d5	8.634	63	202623	116.303	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 116.300%			
56) 1,1,2,2-Tetrachloroeth...	10.756	84	361678	53.021	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.040%			
66) 1,2-Dichlorobenzene-d4	12.190	152	226451	52.388	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.780%			
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	3.345	96	8539	2.797	ug/L	95
20) cis-1,2-Dichloroethene	4.656	96	1532663	439.884	ug/L	98
25) Chloroform	5.081	83	72934	11.152	ug/L	98
30) 1,1,1-Trichloroethane	5.312	97	10510	1.859	ug/L	92
31) Carbon tetrachloride	5.518	117	354103	71.569	ug/L	98
34) Trichloroethene	6.537	95	262644	69.405	ug/L	98
46) Tetrachloroethene	8.553	164	16210155m	5982.973	ug/L	

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

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