Quantitation Report (Qedit)

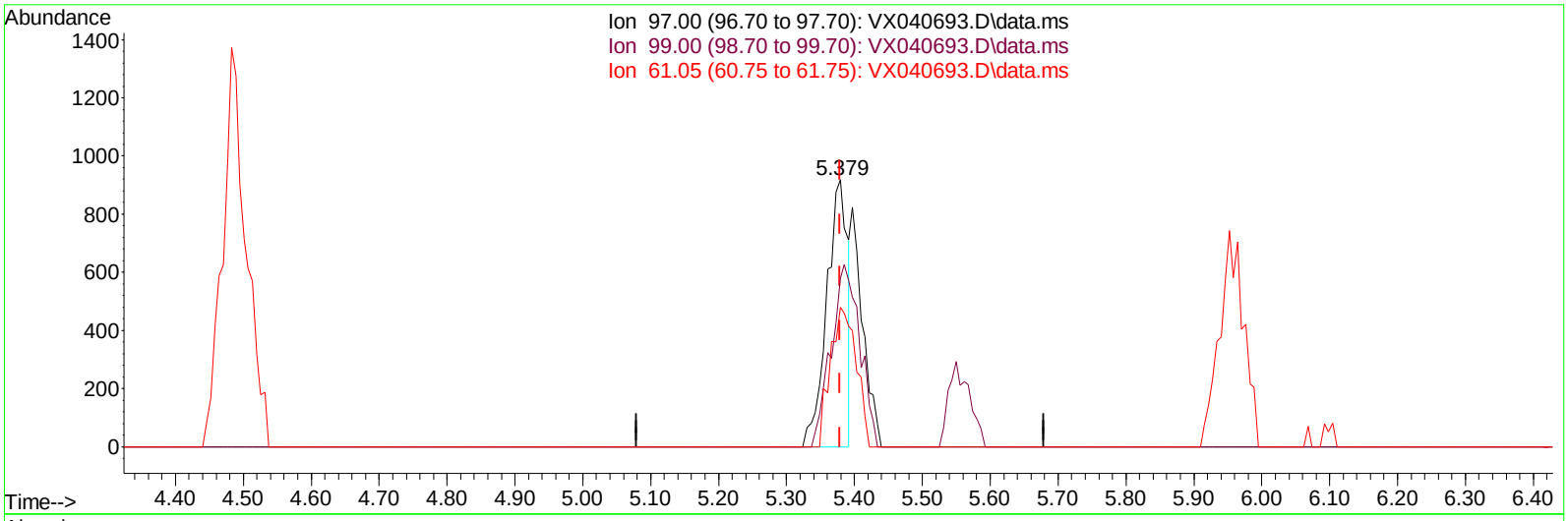
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031824\
Data File : VX040693.D
Acq On : 18 Mar 2024 12:57
Operator : JC/MD
Sample : P1753-09DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

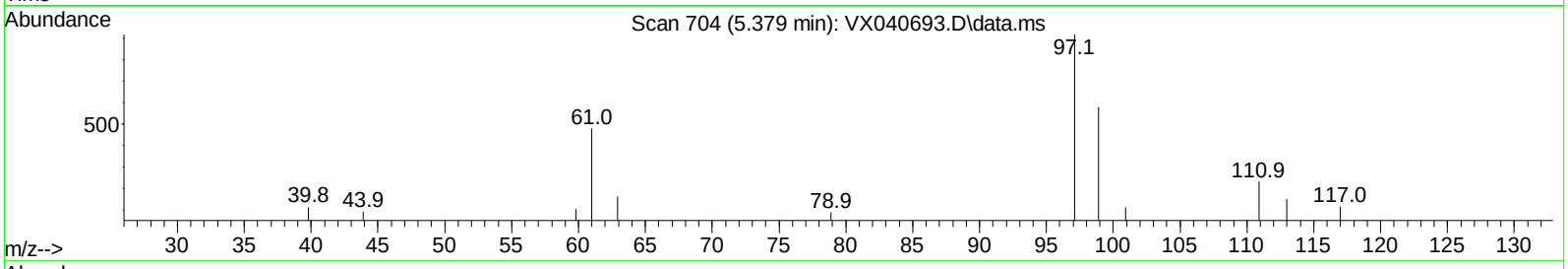
Quant Time: Mar 19 01:23:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM030724WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 19 01:22:22 2024
Response via : Initial Calibration

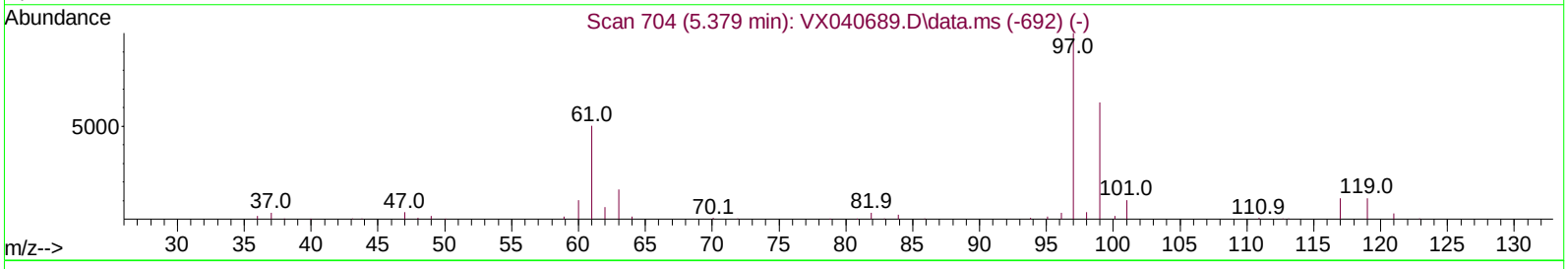
Instrument :
MSVOA_X
ClientSampleId :
YCKZ9DL

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024







TIC: VX040693.D\data.ms

(30) 1,1,1-Trichloroethane (T)

5.379min (-0.000) 1.13 ug/L

response 1937

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	65.10	94.58#
61.05	47.90	65.46#
0.00	0.00	0.00

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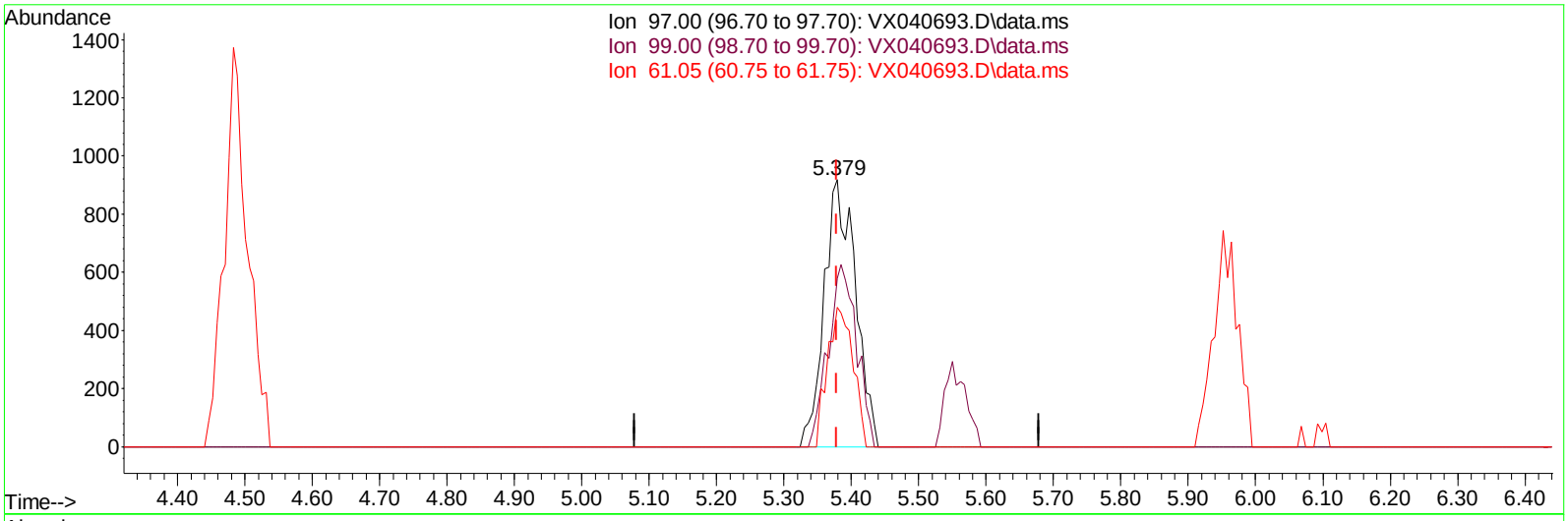

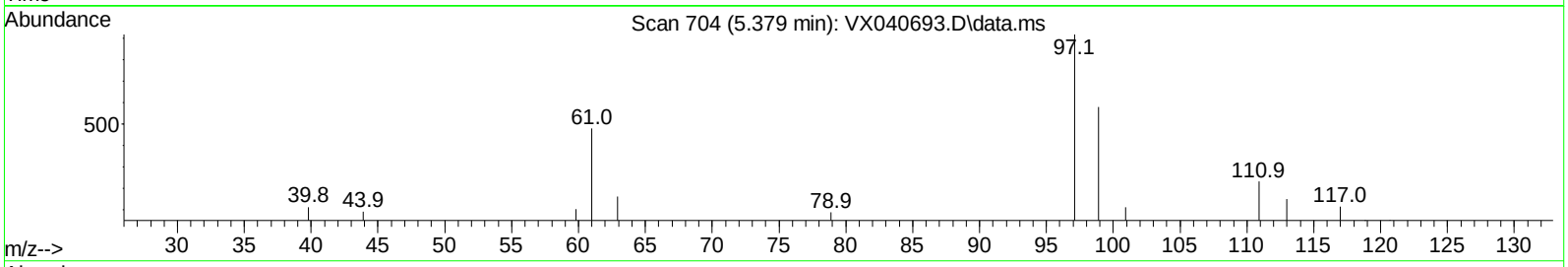

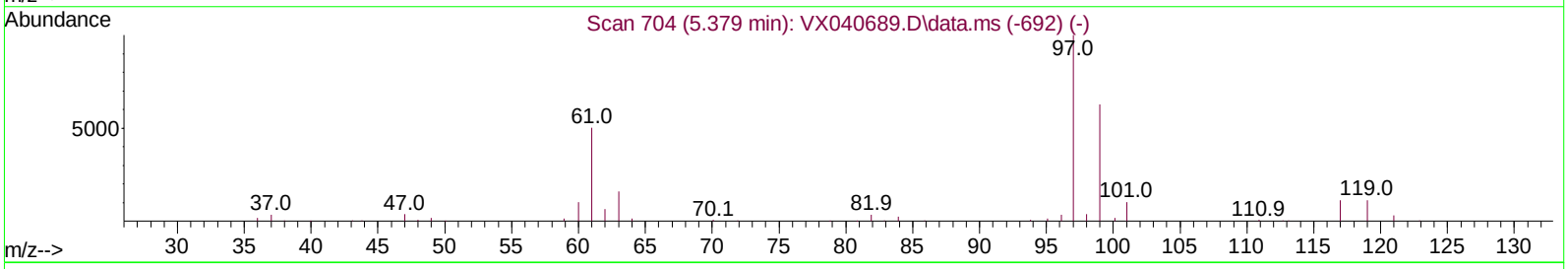

TIC: VX040693.D\data.ms

(30) 1,1,1-Trichloroethane (T)

5.379min (-0.000) 1.72 ug/L m

response 2943

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	65.10	62.25
61.05	47.90	43.09
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	146542	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	137560	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	64858	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	65848	51.261	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.520%			
7) Chloroethane-d5	1.666	69	51351	50.072	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.140%			
11) 1,1-Dichloroethene-d2	2.306	65	29244	49.455	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.900%			
21) 2-Butanone-d5	4.446	46	95599	96.982	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.980%			
24) Chloroform-d	5.062	84	119372	50.040	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.080%			
26) 1,2-Dichloroethane-d4	5.952	65	88824	49.872	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.740%			
32) Benzene-d6	5.970	84	220447	52.235	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.460%			
36) 1,2-Dichloropropane-d6	7.305	67	68543	52.404	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.800%			
41) Toluene-d8	8.647	98	203544	50.046	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.100%			
43) trans-1,3-Dichloroprop...	8.951	79	34005	48.847	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.700%			
47) 2-Hexanone-d5	9.384	63	68261	94.582	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.580%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	96807	49.433	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.860%			
66) 1,2-Dichlorobenzene-d4	12.317	152	73566	54.156	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.320%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	19365	21.679	ug/L #	31
20) cis-1,2-Dichloroethene	4.489	96	2147	2.088	ug/L #	70
30) 1,1,1-Trichloroethane	5.379	97	2943m	1.718	ug/L	

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

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