Quantitation Report (Qedit)

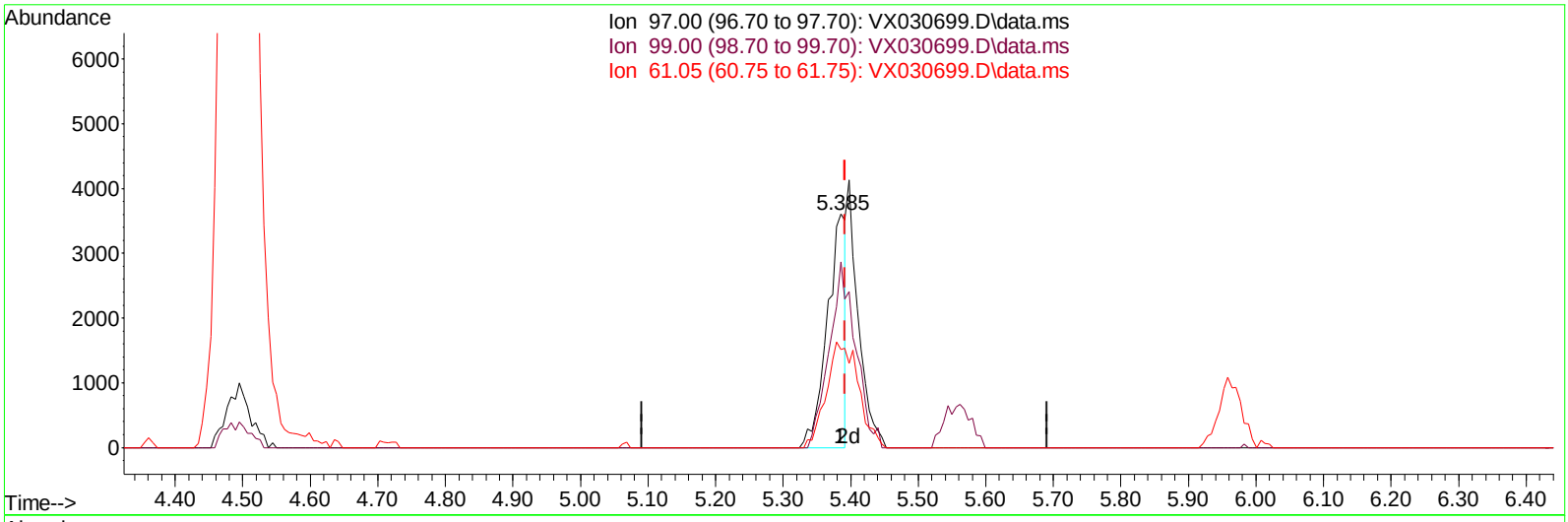
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081922\
Data File : VX030699.D
Acq On : 19 Aug 2022 12:29
Operator : JC/MD
Sample : N4231-06DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

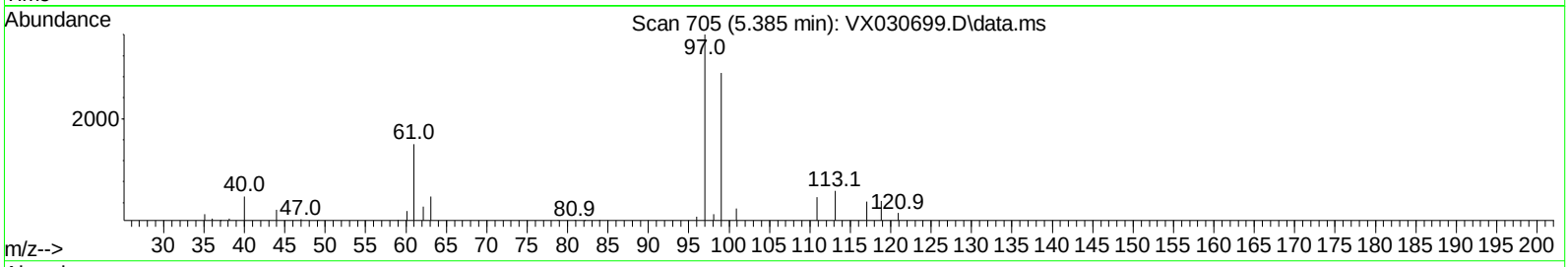
Quant Time: Aug 20 02:14:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 20 02:12:38 2022
Response via : Initial Calibration

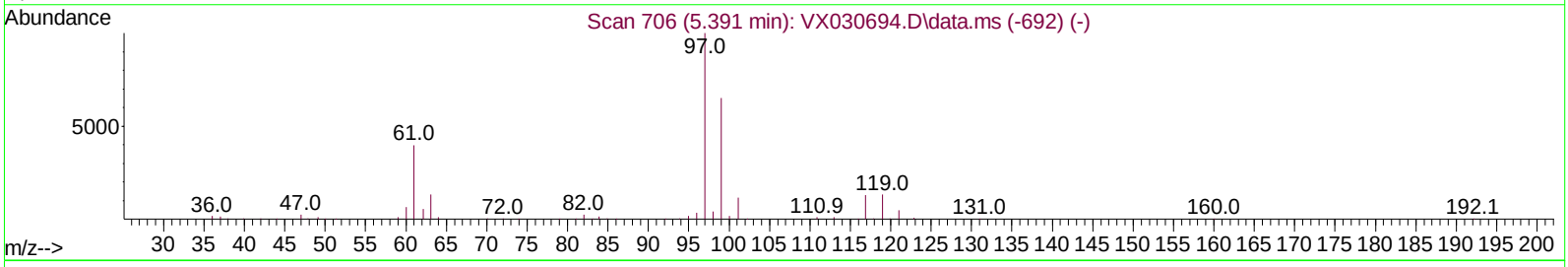
Instrument :
MSVOA_X
ClientSampleId :
C0KN4DL

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022







TIC: VX030699.D\data.ms

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

5.385min (-0.006) 1.85 ug/L

response 6895

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	64.20	111.62#
61.05	46.30	53.65
0.00	0.00	0.00

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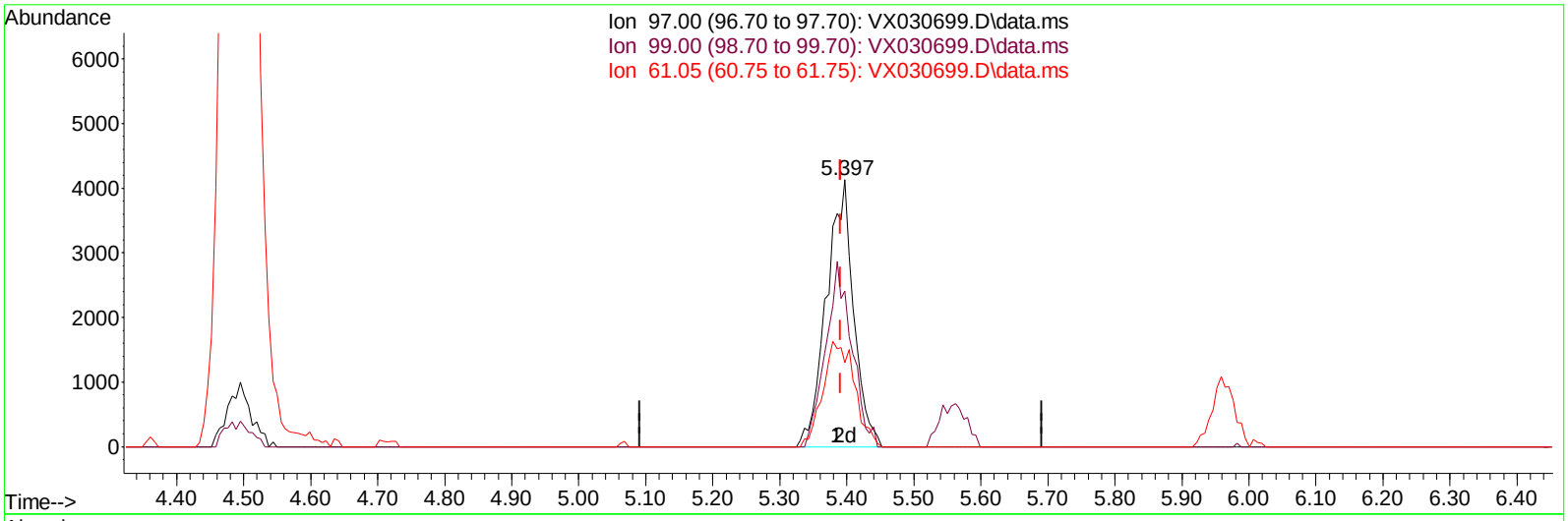

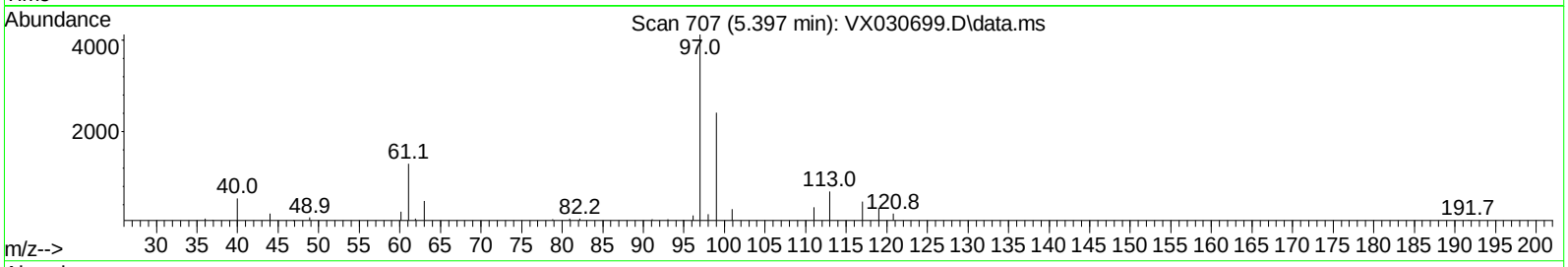

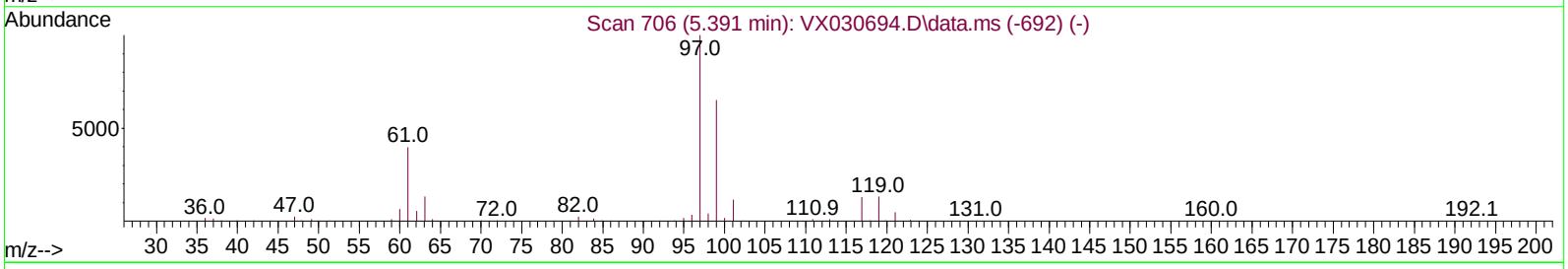

TIC: VX030699.D\data.ms

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

5.397min (+ 0.006) 3.14 ug/L m

response 11679

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	64.20	65.90
61.05	46.30	31.67#
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

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Instrument :
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Supervised By :Mahesh Dadoda 08/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	310514	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	281903	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	122855	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	100558	50.429	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.860%			
7) Chloroethane-d5	1.666	69	77188	54.910	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.820%			
11) 1,1-Dichloroethene-d2	2.306	63	199939	53.006	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.020%			
21) 2-Butanone-d5	4.465	46	183785	99.472	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.470%			
24) Chloroform-d	5.068	84	209015	50.919	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.840%			
26) 1,2-Dichloroethane-d4	5.958	65	130443	46.801	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.600%			
32) Benzene-d6	5.977	84	427603	52.954	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.900%			
36) 1,2-Dichloropropane-d6	7.312	67	139631	53.297	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.600%			
41) Toluene-d8	8.653	98	380729	50.020	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.040%			
43) trans-1,3-Dichloroprop...	8.952	79	58193	44.649	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.300%			
47) 2-Hexanone-d5	9.384	63	139764	104.660	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.660%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	190475	55.344	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.680%			
66) 1,2-Dichlorobenzene-d4	12.323	152	129161	54.203	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	22664	10.561	ug/L	98
12) 1,1-Dichloroethene	2.319	96	97761	56.250	ug/L #	70
19) 1,1-Dichloroethane	3.617	63	7990	2.052	ug/L	91
20) cis-1,2-Dichloroethene	4.495	96	63034	27.830	ug/L	89
30) 1,1,1-Trichloroethane	5.397	97	11679m	3.141	ug/L	
34) Trichloroethene	7.129	95	220204	84.119	ug/L	86
46) Tetrachloroethene	9.275	164	172107	104.030	ug/L	100

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

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