Quantitation Report (Qedit)

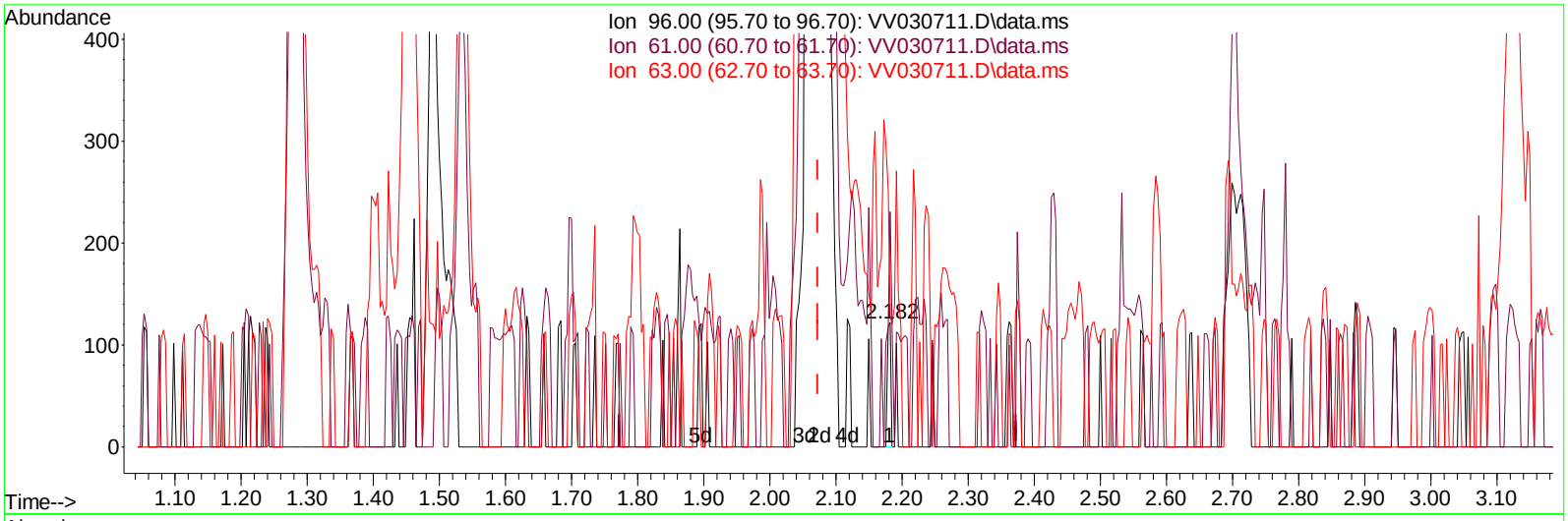
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042023\
Data File : VV030711.D
Acq On : 20 Apr 2023 13:00
Operator : SY/MD
Sample : 02411-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

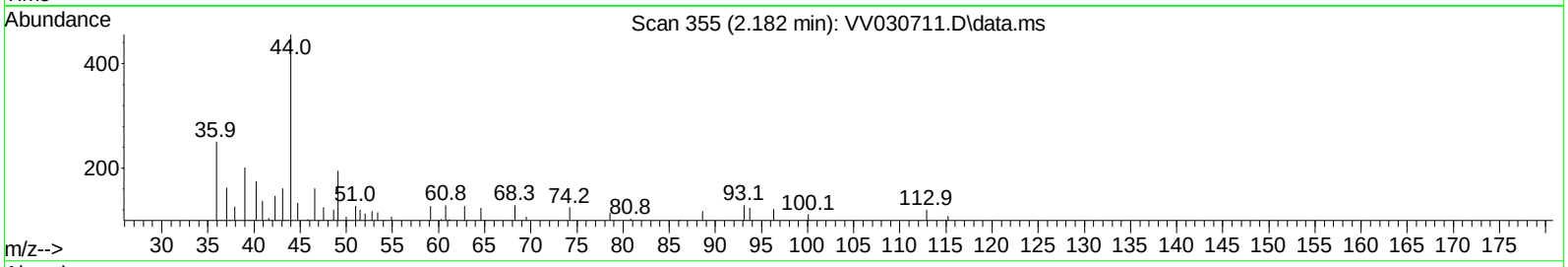
Quant Time: Apr 21 00:17:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 21 00:14:50 2023
Response via : Initial Calibration

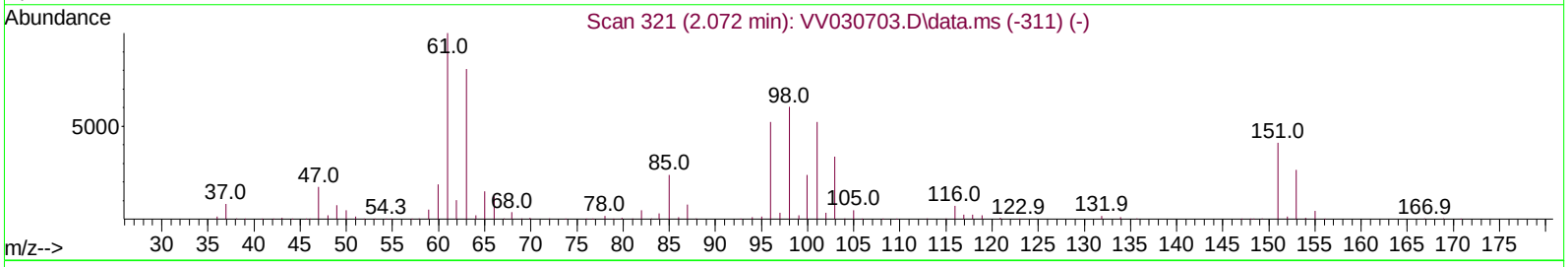
Instrument :
MSVOA_V
ClientSampleId :
C0AR4

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023







TIC: VV030711.D\data.ms

(12) 1,1-Dichloroethene (T)

2.182min (+ 0.109) 0.04 ug/L

response 46

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	188.50	189.34
63.00	142.50	104.92
0.00	0.00	0.00

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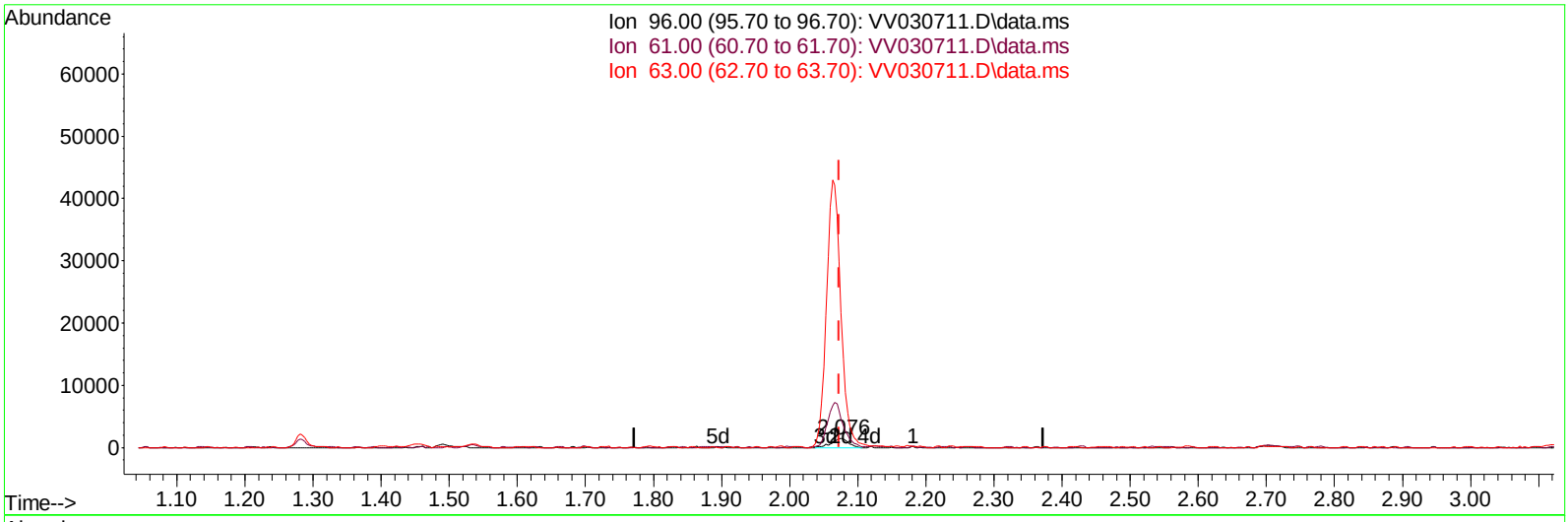

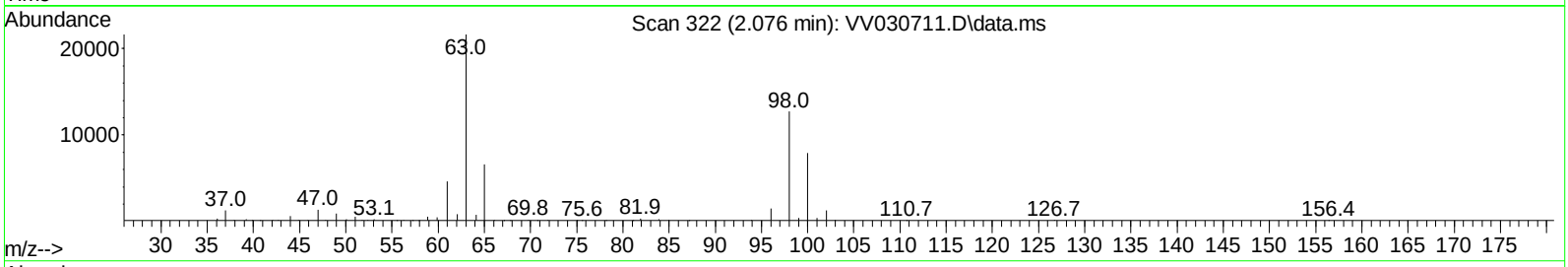

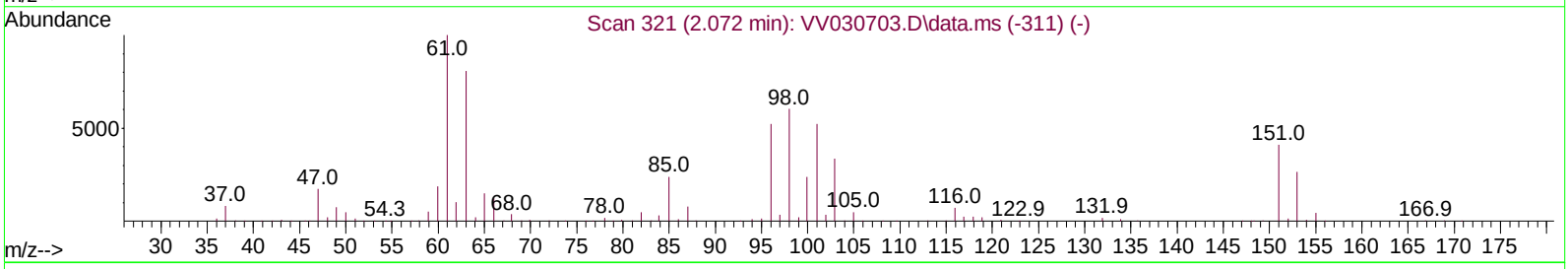

TIC: VV030711.D\data.ms

(12) 1,1-Dichloroethene (T)

2.076min (+ 0.003) 2.15 ug/L m

response 2529

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	188.50	311.25#
63.00	142.50	1465.04#
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 21 00:14:50 2023
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Instrument :
MSVOA_V
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	168132	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	167660	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	80396	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	35481	28.787	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 57.580%#			
7) Chloroethane-d5	1.535	69	35646	34.512	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 69.020%#			
11) 1,1-Dichloroethene-d2	2.063	65	19458	33.289	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.580%			
21) 2-Butanone-d5	3.796	46	91265	134.811	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 134.810%#			
24) Chloroform-d	4.259	84	106082	47.493	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.980%			
26) 1,2-Dichloroethane-d4	4.953	65	75478	52.559	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.120%			
32) Benzene-d6	4.969	84	177834	44.863	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.720%			
36) 1,2-Dichloropropane-d6	5.998	67	60607	49.222	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.440%			
41) Toluene-d8	7.252	98	149309	40.118	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.240%			
43) trans-1,3-Dichloroprop...	7.561	79	28391	45.747	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.500%			
47) 2-Hexanone-d5	8.034	63	53396	110.081	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.080%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	97818	54.748	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.500%			
66) 1,2-Dichlorobenzene-d4	11.570	152	72654	56.856	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.720%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.076	96	2529m	2.148	ug/L	
20) cis-1,2-Dichloroethene	3.825	96	24712	19.114	ug/L	96
30) 1,1,1-Trichloroethane	4.526	97	7119	3.022	ug/L #	36
34) Trichloroethene	5.841	95	155705	117.575	ug/L	99
51) Chlorobenzene	8.828	112	4052	1.122	ug/L	93
65) 1,4-Dichlorobenzene	11.217	146	3166	1.196	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	2608	1.030	ug/L	98

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

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