Quantitation Report (Qedit)

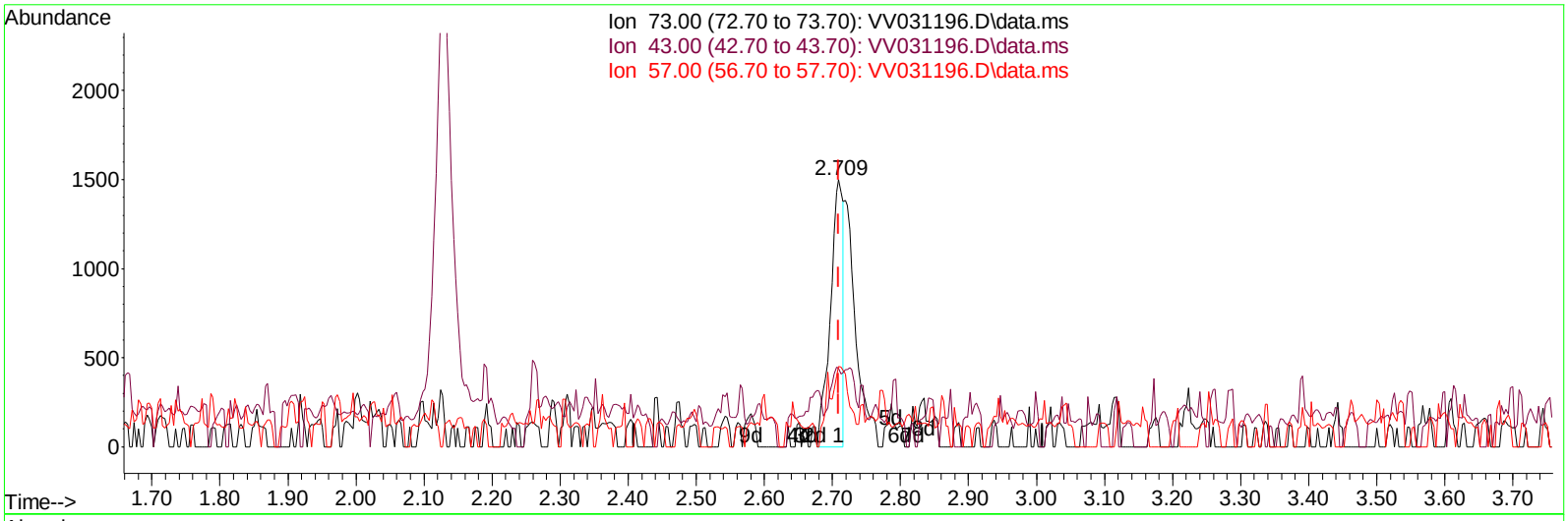
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052323\
Data File : VV031196.D
Acq On : 23 May 2023 17:38
Operator : SY/MD
Sample : 02865-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

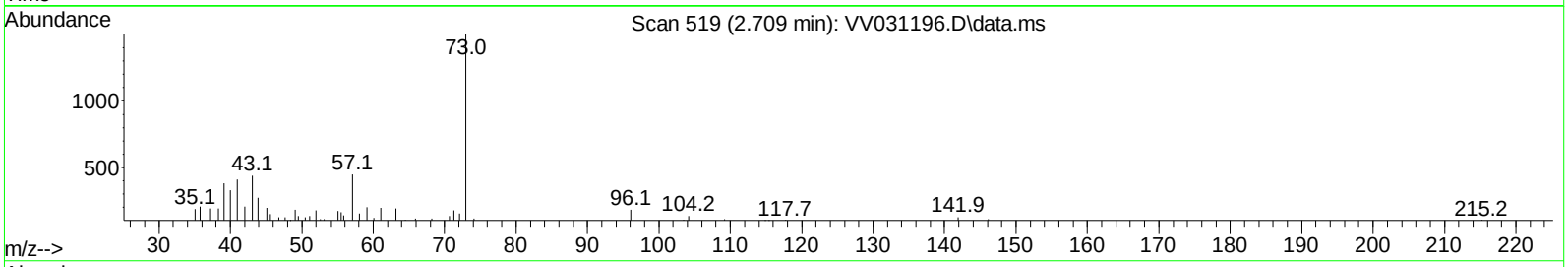
Quant Time: May 24 01:36:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 24 01:27:41 2023
Response via : Initial Calibration

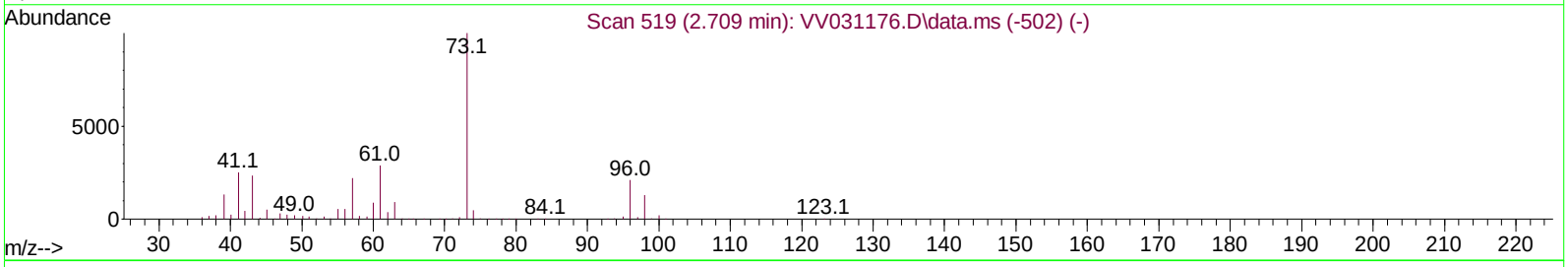
Instrument :
MSVOA_V
ClientSampleId :
GBX59

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023







TIC: VV031196.D\data.ms

(18) Methyl tert-butyl Ether (T)

2.709min (+ 0.000) 0.57 ug/L

response 1941

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	24.30	13.91#
57.00	21.40	25.76#
0.00	0.00	0.00

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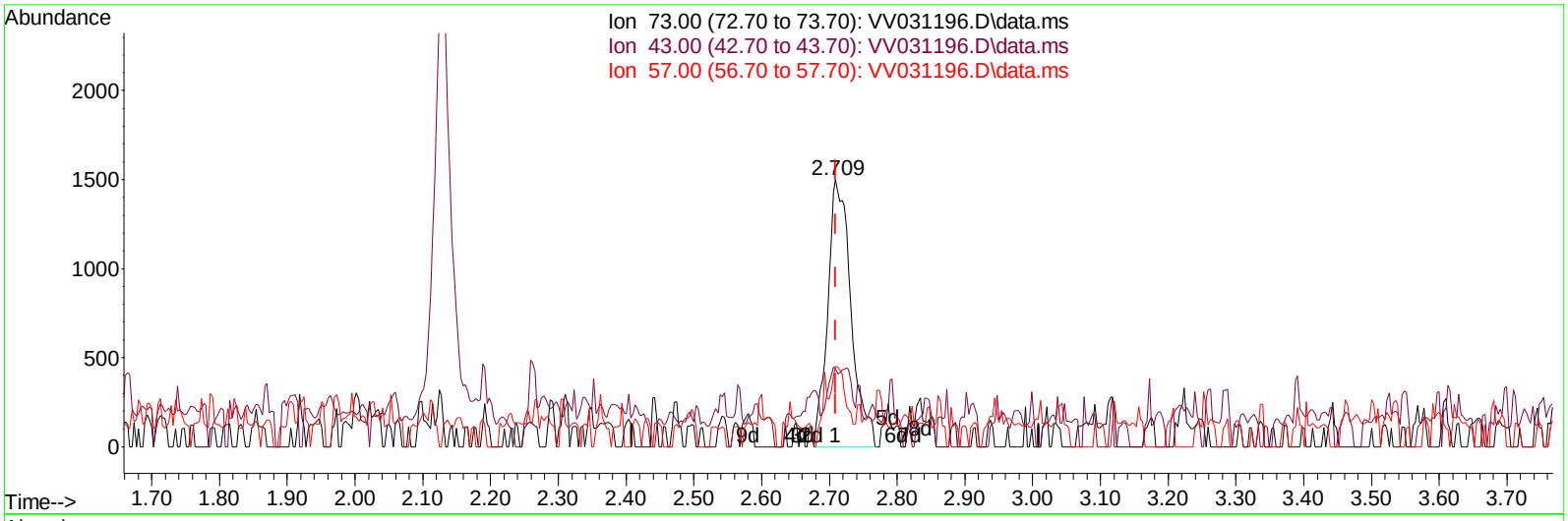

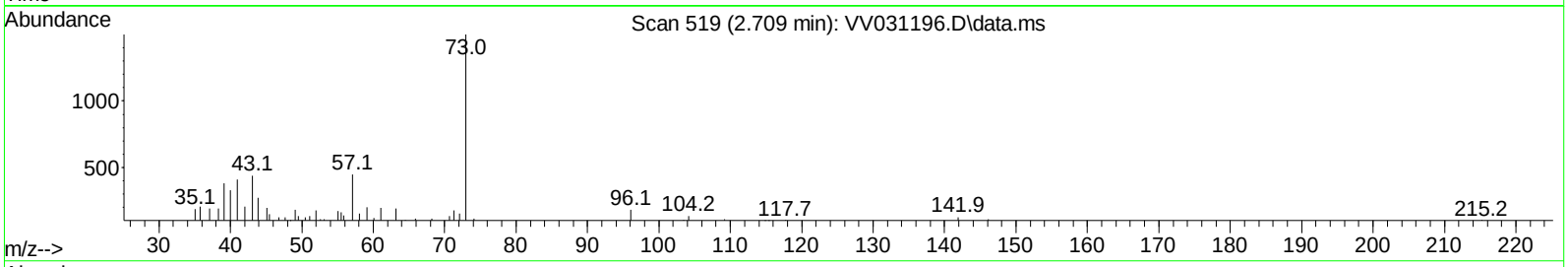

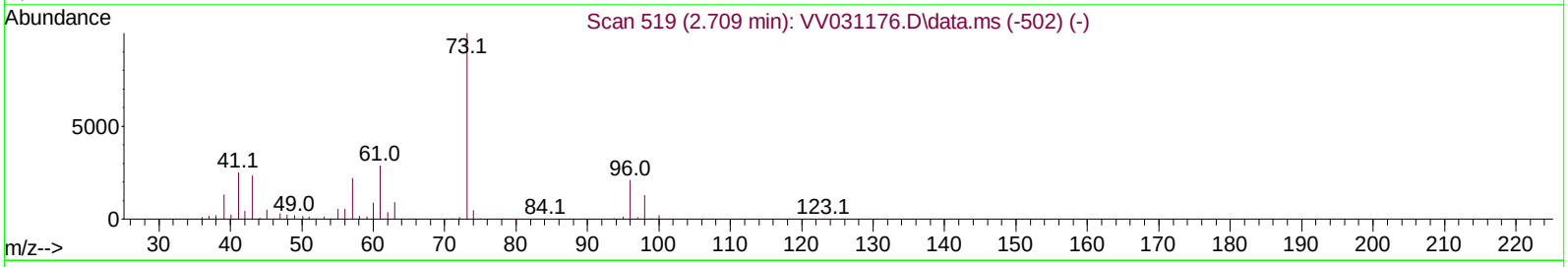

TIC: VV031196.D\data.ms

(18) Methyl tert-butyl Ether (T)

2.709min (+ 0.000) 1.05 ug/L m

response 3578

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	24.30	7.55#
57.00	21.40	13.97#
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

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Instrument :
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Supervised By :Mahesh Dadoda 05/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	172001	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	165724	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	87575	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	67874	46.174	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.340%			
7) Chloroethane-d5	1.536	69	61835	54.605	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.200%			
11) 1,1-Dichloroethene-d2	2.063	65	33111	48.035	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.060%			
21) 2-Butanone-d5	3.802	46	82696	105.579	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.580%			
24) Chloroform-d	4.256	84	132853	51.088	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.180%			
26) 1,2-Dichloroethane-d4	4.950	65	95745	54.486	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.980%			
32) Benzene-d6	4.970	84	233761	52.032	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.060%			
36) 1,2-Dichloropropane-d6	5.995	67	71990	53.554	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.100%			
41) Toluene-d8	7.249	98	213560	50.932	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.860%			
43) trans-1,3-Dichloroprop...	7.558	79	33967	50.365	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.720%			
47) 2-Hexanone-d5	8.034	63	46258	88.259	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.260%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	99621	49.411	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.820%			
66) 1,2-Dichlorobenzene-d4	11.567	152	88164	56.023	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.040%			
Target Compounds						Qvalue
13) Acetone	2.127	43	4814	4.728	ug/L	81
18) Methyl tert-butyl Ether	2.709	73	3578m	1.049	ug/L	
20) cis-1,2-Dichloroethene	3.825	96	11003	10.104	ug/L	96
34) Trichloroethene	5.841	95	74191	69.740	ug/L	98
48) 2-Hexanone	8.092	43	9734	6.950	ug/L #	83

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

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