Quantitation Report (Qedit)

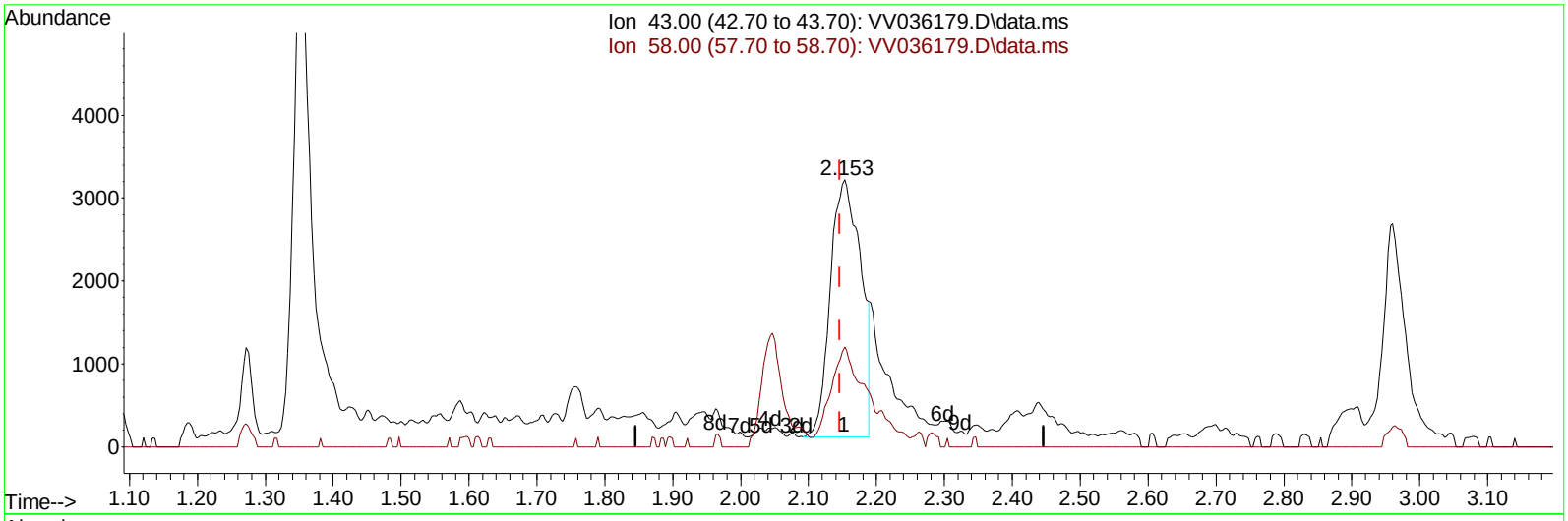
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036179.D
Acq On : 20 Jun 2024 22:28
Operator : SY/MD
Sample : P2962-02
Misc : 5.04g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 35 Sample Multiplier: 1

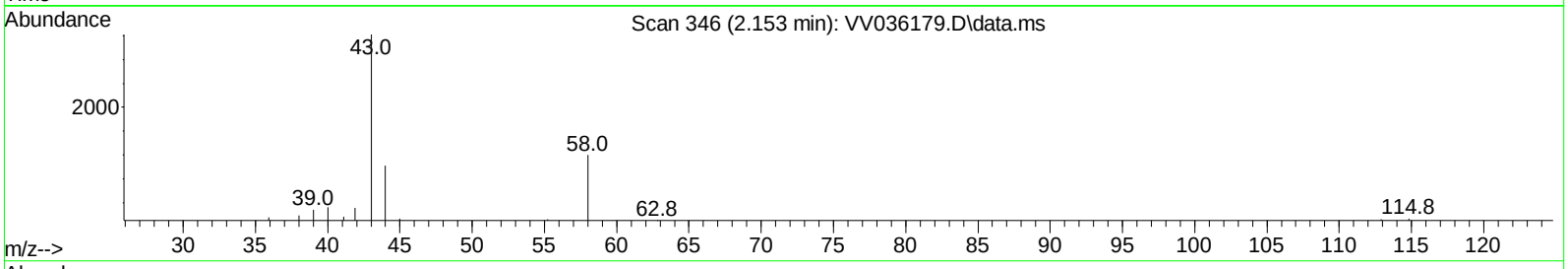
Quant Time: Jun 21 05:14:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration

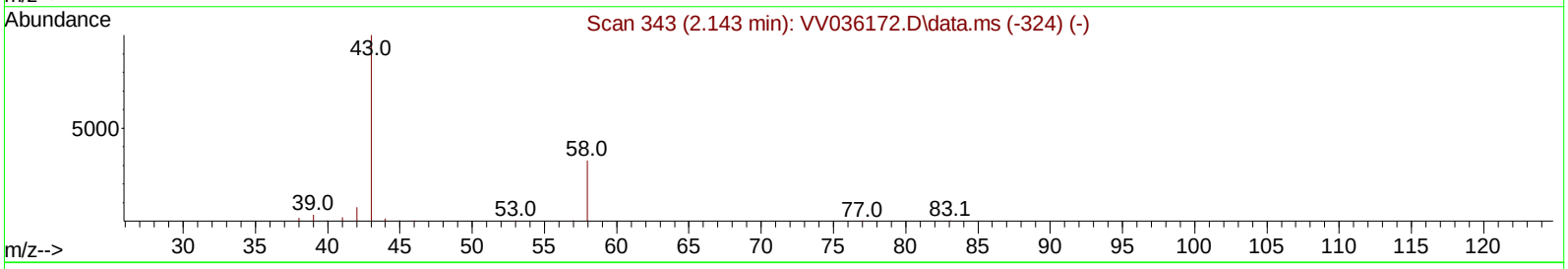
Instrument :
MSVOA_V
ClientSampleId :
C0T74

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/22/2024
Supervised By :Semsettin Yesilyurt 06/22/2024







TIC: VV036179.D\data.ms

(13) Acetone (T)

2.153min (+ 0.007) 4.69 ug/L

response 9610

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	12.10	27.35#
0.00	0.00	0.00
0.00	0.00	0.00

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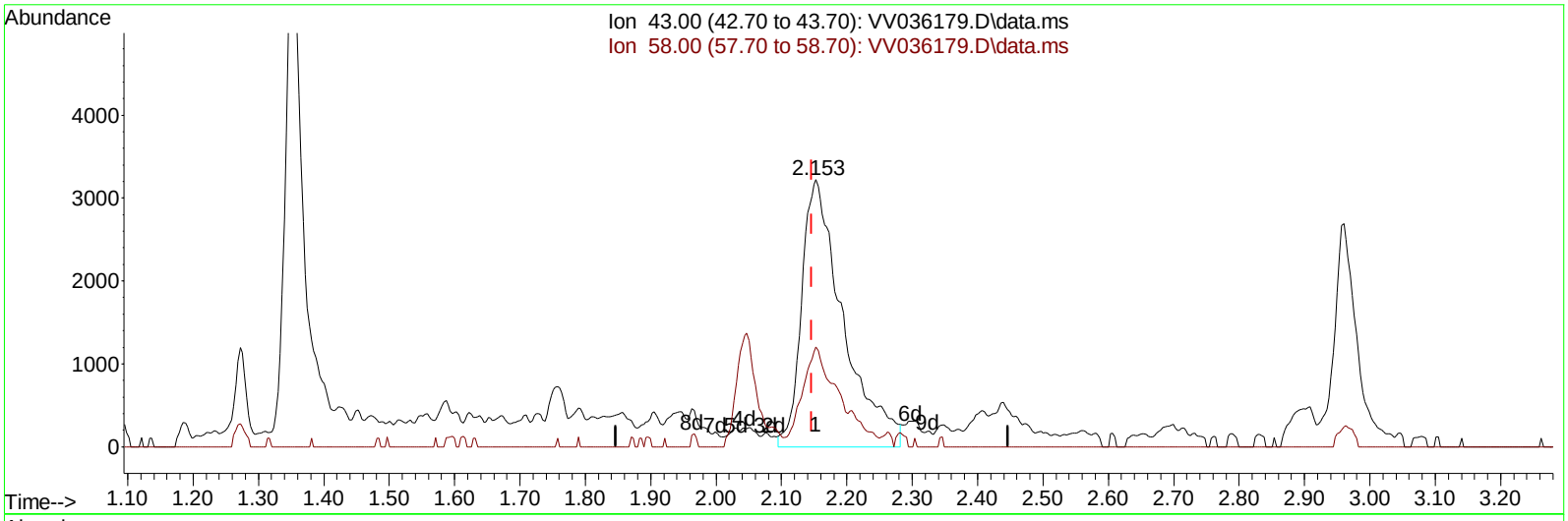

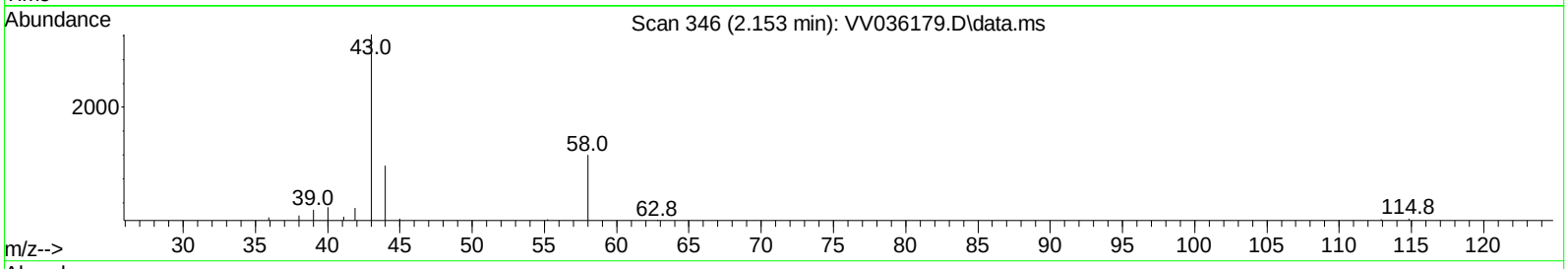

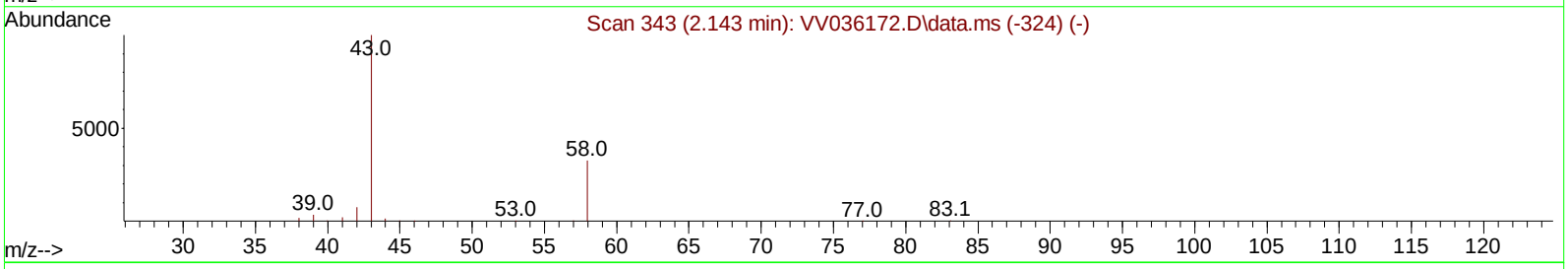

TIC: VV036179.D\data.ms

(13) Acetone (T)

2.153min (+ 0.007) 6.90 ug/L m

response 14133

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	12.10	18.59
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	311945	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	248622	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	64566	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	132566	23.115	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.440%		
7) Chloroethane-d5	1.526	69	107808	23.575	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.320%		
11) 1,1-Dichloroethene-d2	2.050	65	50982	19.968	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.880%		
21) 2-Butanone-d5	3.828	46	50004	38.001	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.000%		
24) Chloroform-d	4.246	84	209858	21.161	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.640%		
26) 1,2-Dichloroethane-d4	4.937	65	130652	25.127	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.520%		
32) Benzene-d6	4.953	84	398475	26.963	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	107.840%		
36) 1,2-Dichloropropane-d6	5.986	67	132075	28.379	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	113.520%		
41) Toluene-d8	7.243	98	281812	21.612	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.440%		
43) trans-1,3-Dichloroprop...	7.558	79	35804	18.763	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	75.040%		
47) 2-Hexanone-d5	8.031	63	32505	51.550	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.100%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	92401	26.569	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	106.280%		
66) 1,2-Dichlorobenzene-d4	11.561	152	49135	20.752	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.000%		
Target Compounds						Qvalue
13) Acetone	2.153	43	14133m	6.895	ug/L	
14) Carbon disulfide	2.233	76	10160	0.586	ug/L	99
16) Methylene chloride	2.442	84	52073	7.377	ug/L	97

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

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