Quantitation Report (Qedit)

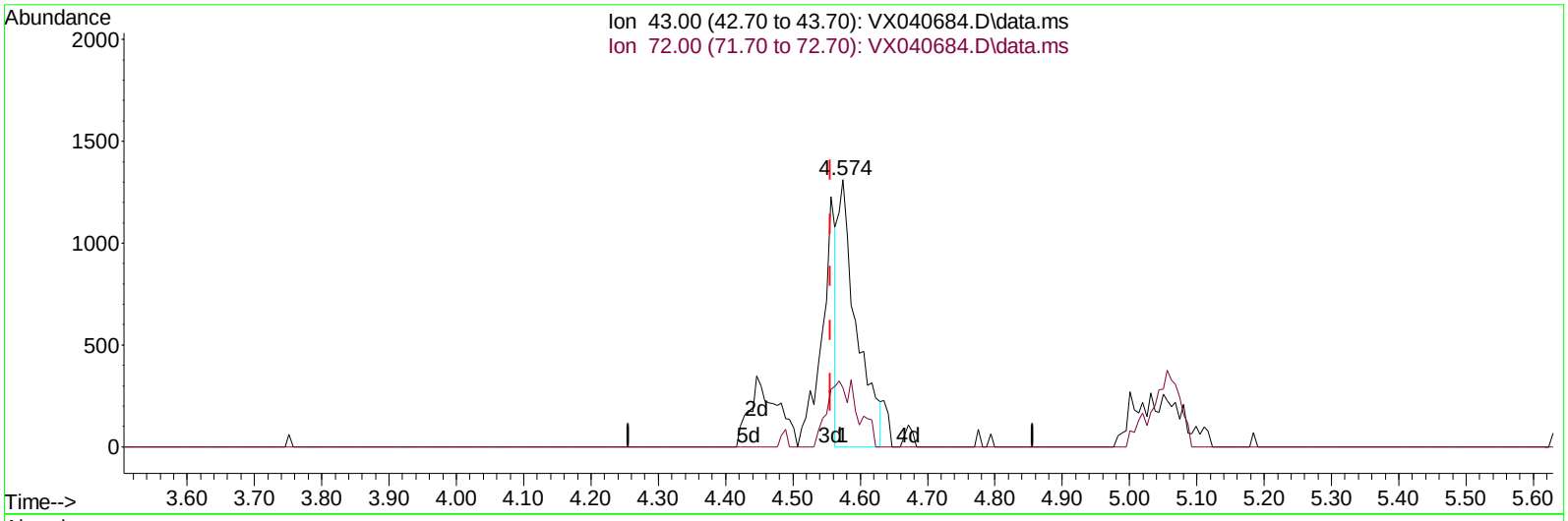
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040684.D
Acq On : 16 Mar 2024 03:27
Operator : JC/MD
Sample : P1754-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

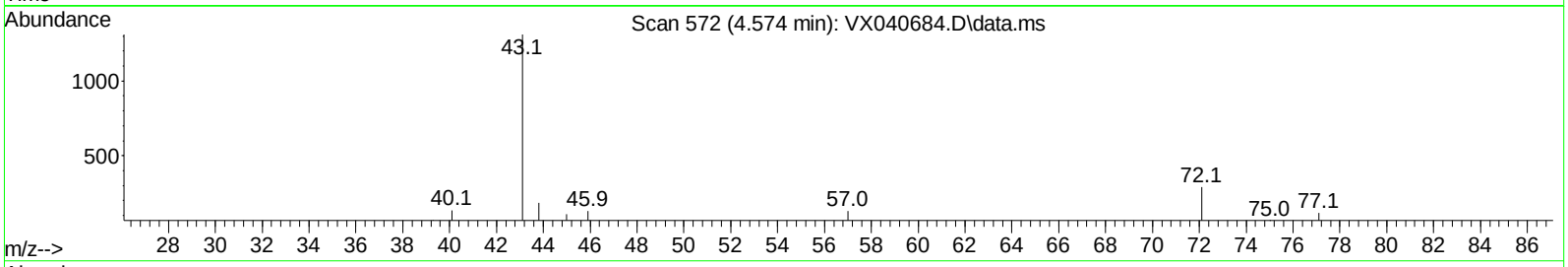
Quant Time: Mar 16 05:57:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM030724WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 05:02:38 2024
Response via : Initial Calibration

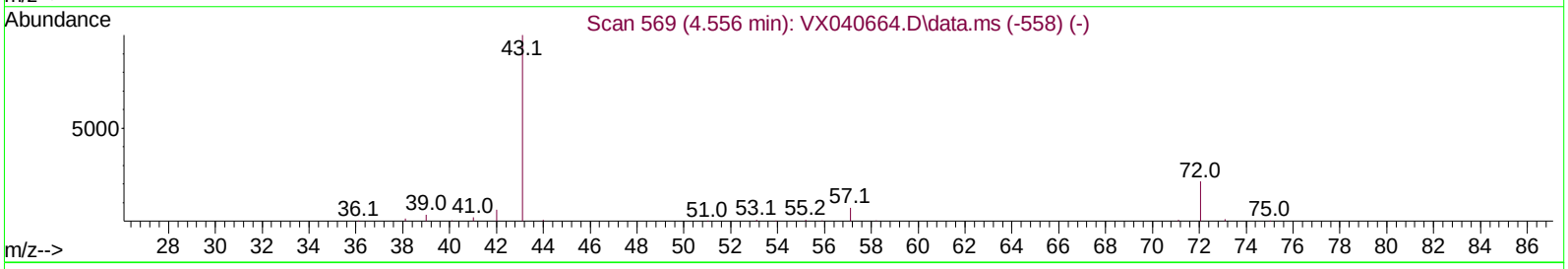
Instrument :
MSVOA_X
ClientSampleId :
YCL20

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 03/18/2024
Supervised By :Semsettin Yesilyurt 03/19/2024







TIC: VX040684.D\data.ms

(22) 2-Butanone (T)

4.574min (+ 0.018) 2.51 ug/L

response 2494

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	24.80	26.22
0.00	0.00	0.00
0.00	0.00	0.00

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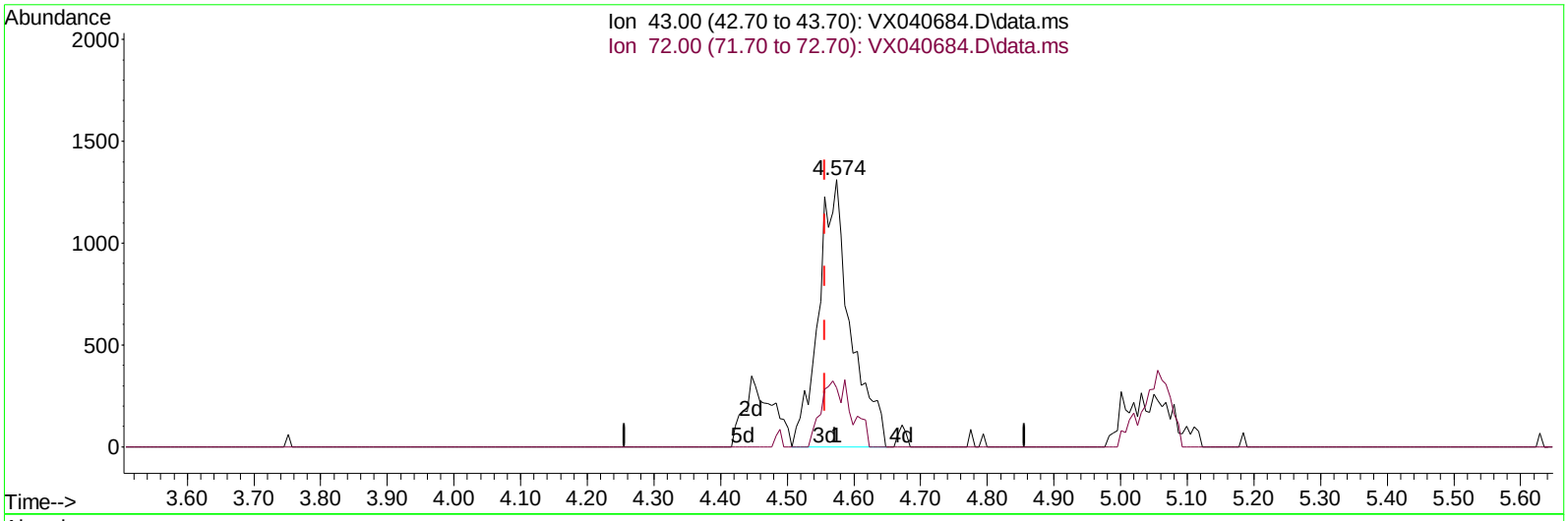

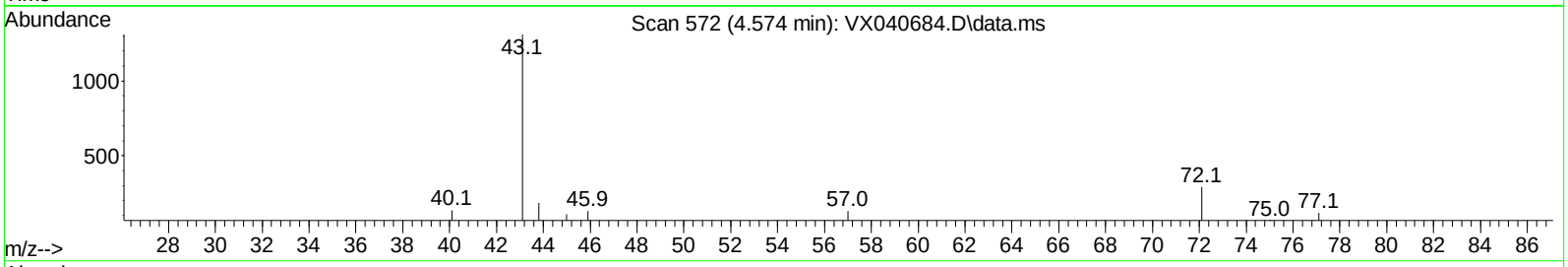

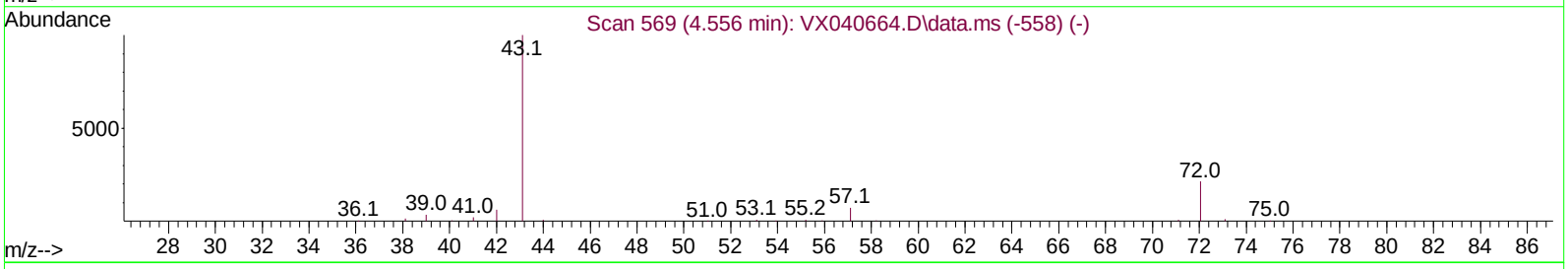

TIC: VX040684.D\data.ms

(22) 2-Butanone (T)

4.574min (+ 0.018) 4.39 ug/L m

response 4365

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	24.80	14.98
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040684.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM030724WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 05:02:38 2024
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Instrument :
MSVOA_X
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :John Carlone 03/18/2024
Supervised By :Semsettin Yesilyurt 03/19/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	156269	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	136832	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	62507	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	45829	33.456	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.920%		
7) Chloroethane-d5	1.666	69	38492	35.197	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	70.400%		
11) 1,1-Dichloroethene-d2	2.306	65	20904	33.150	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.300%		
21) 2-Butanone-d5	4.446	46	100741	95.837	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.840%		
24) Chloroform-d	5.056	84	111908	43.991	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.980%		
26) 1,2-Dichloroethane-d4	5.958	65	84484	44.483	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.960%		
32) Benzene-d6	5.976	84	189185	45.066	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.140%		
36) 1,2-Dichloropropane-d6	7.306	67	63023	48.440	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.880%		
41) Toluene-d8	8.647	98	166519	41.161	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.320%		
43) trans-1,3-Dichloroprop...	8.952	79	29084	42.001	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.000%		
47) 2-Hexanone-d5	9.384	63	71580	99.709	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.710%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	98563	50.598	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.200%		
66) 1,2-Dichlorobenzene-d4	12.323	152	59341	45.327	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.660%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	34676	36.404	ug/L	89
13) Acetone	2.380	43	92602	123.363	ug/L	98
19) 1,1-Dichloroethane	3.617	63	6964	3.665	ug/L	94
20) cis-1,2-Dichloroethene	4.489	96	11571	10.553	ug/L	89
22) 2-Butanone	4.574	43	4365m	4.391	ug/L	
30) 1,1,1-Trichloroethane	5.385	97	6988	4.100	ug/L	91
34) Trichloroethene	7.123	95	60165	55.445	ug/L	98

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

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