Quantitation Report (Qedit)

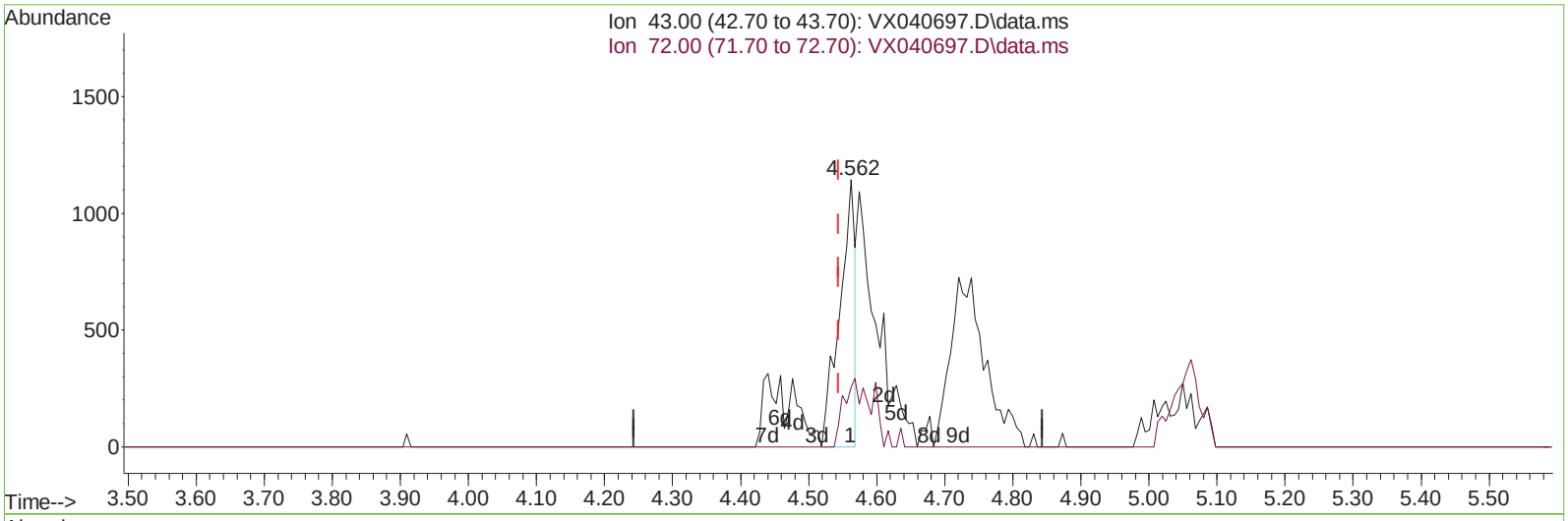
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031824\
Data File : VX040697.D
Acq On : 18 Mar 2024 14:28
Operator : JC/MD
Sample : P1753-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

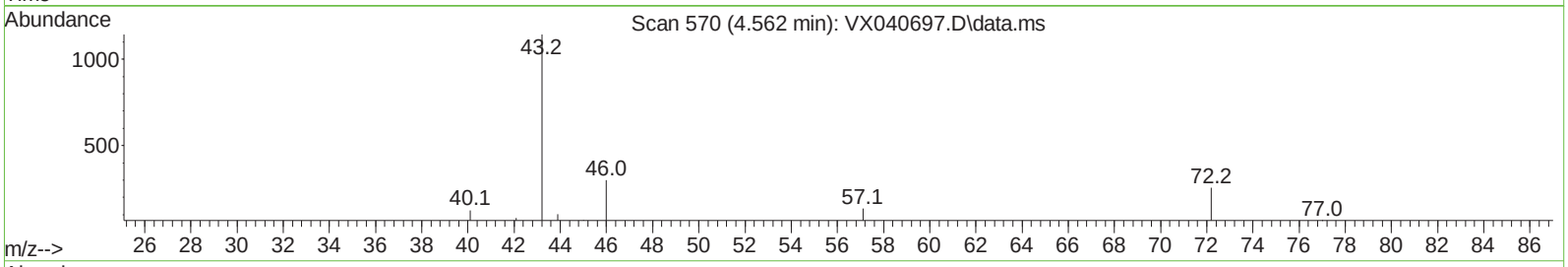
Quant Time: Mar 19 01:24:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM030724WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 19 01:22:22 2024
Response via : Initial Calibration

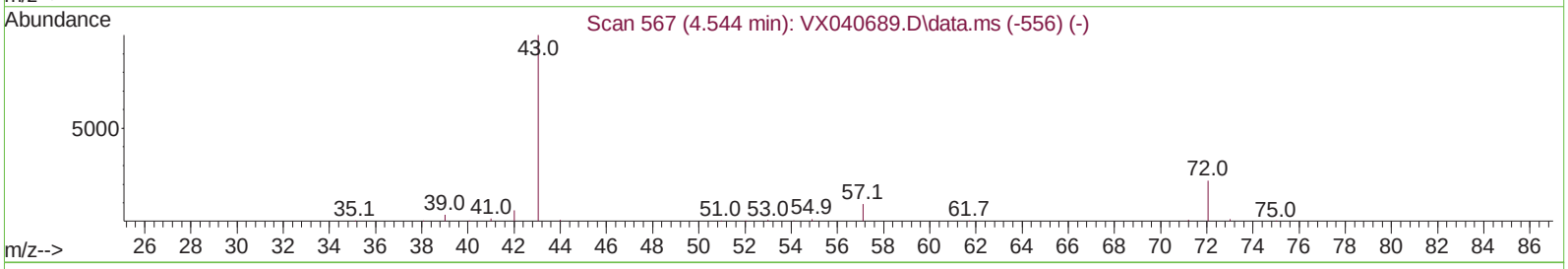
Instrument :
MSVOA_X
ClientSampleId :
YCKW8

Manual IntegrationsAPPROVED

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







TIC: VX040697.D\data.ms

(22) 2-Butanone (T)

4.562min (+ 0.018) 1.94 ug/L

response 1811

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	24.80	24.85
0.00	0.00	0.00
0.00	0.00	0.00

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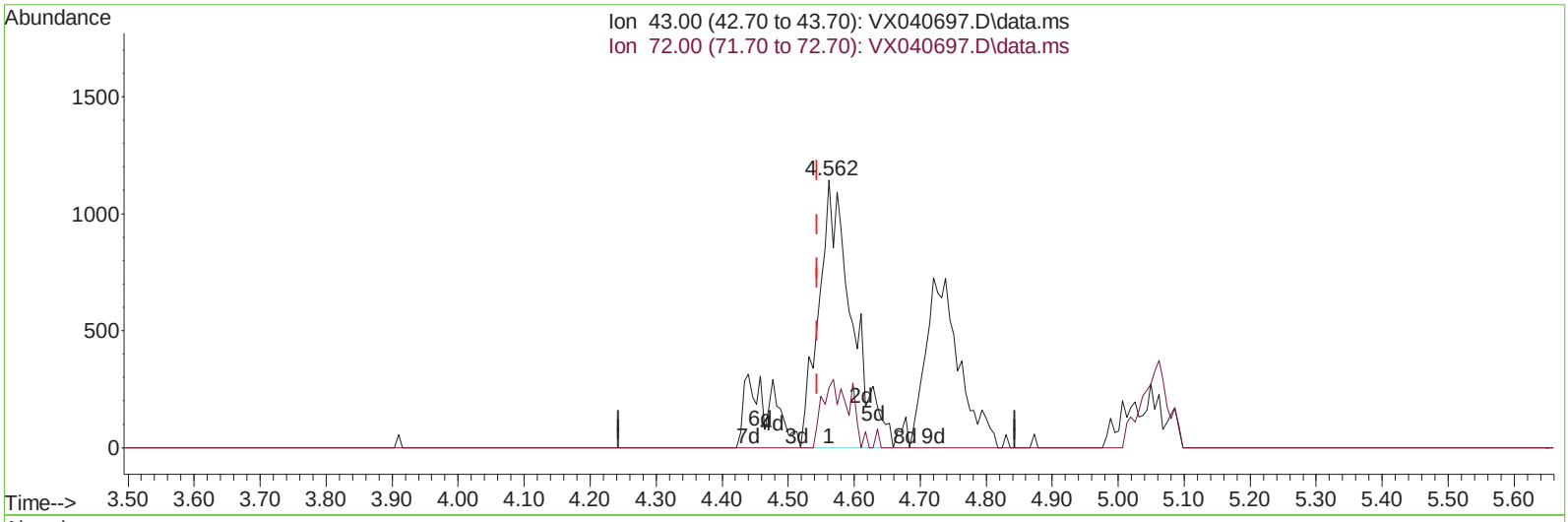

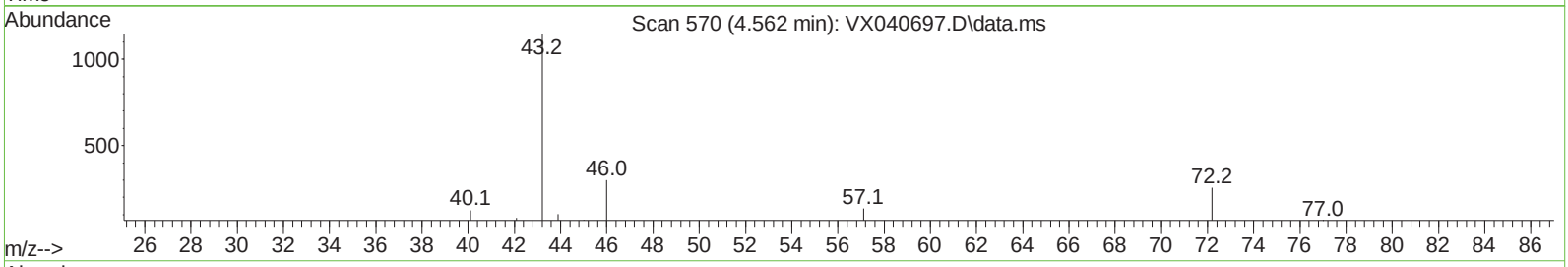

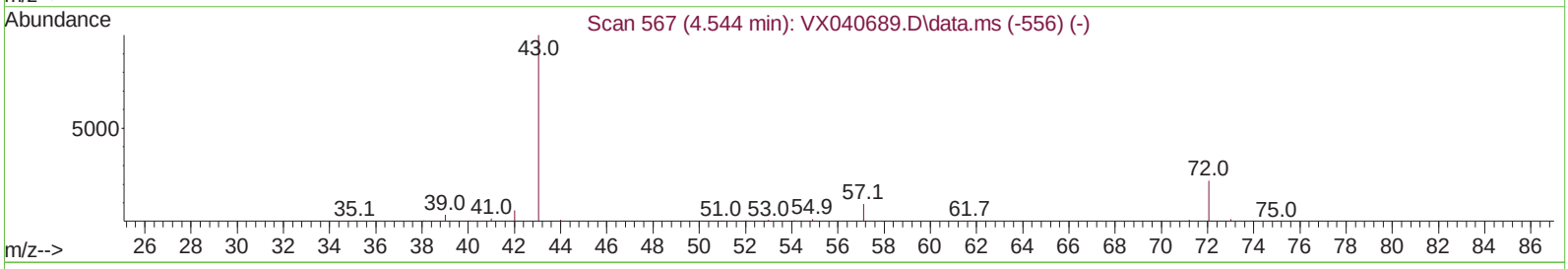

TIC: VX040697.D\data.ms

(22) 2-Butanone (T)

4.562min (+ 0.018) 4.29 ug/L m

response 4003

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	24.80	11.24#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	146788	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	138005	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	66465	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	60916	47.342	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.680%			
7) Chloroethane-d5	1.666	69	51317	49.955	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.900%			
11) 1,1-Dichloroethene-d2	2.306	65	28713	48.475	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.960%			
21) 2-Butanone-d5	4.452	46	90945	92.106	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.110%			
24) Chloroform-d	5.056	84	118108	49.427	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.860%			
26) 1,2-Dichloroethane-d4	5.958	65	86290	48.368	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.740%			
32) Benzene-d6	5.970	84	213565	50.441	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.880%			
36) 1,2-Dichloropropane-d6	7.305	67	67219	51.226	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.460%			
41) Toluene-d8	8.647	98	202153	49.544	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.080%			
43) trans-1,3-Dichloroprop...	8.951	79	33533	48.014	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.020%			
47) 2-Hexanone-d5	9.384	63	66885	92.377	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.380%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	95942	48.834	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.660%			
66) 1,2-Dichlorobenzene-d4	12.323	152	73913	53.095	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.373	62	2458	1.995	ug/L #	60
12) 1,1-Dichloroethene	2.318	96	15804	17.663	ug/L #	6
13) Acetone	2.379	43	117433	166.547	ug/L	100
19) 1,1-Dichloroethane	3.611	63	9169	5.137	ug/L #	88
20) cis-1,2-Dichloroethene	4.495	96	4116	3.996	ug/L	81
22) 2-Butanone	4.562	43	4003m	4.287	ug/L	

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

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