Quantitation Report (Qedit)

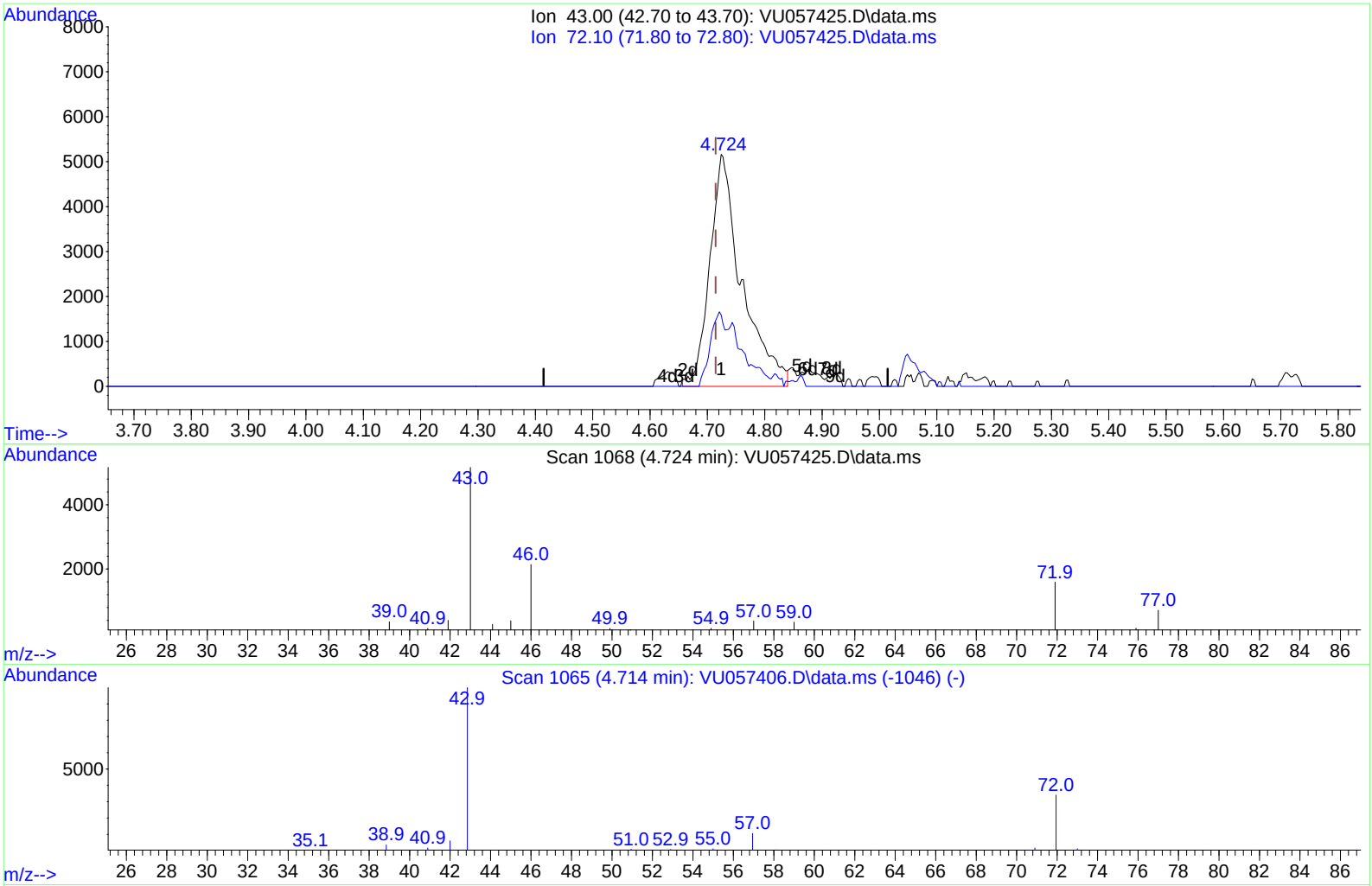
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
Data File : VU057425.D
Acq On : 09 Jan 2024 08:47
Operator : MD/SY
Sample : P1058-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Jan 09 11:36:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 09 06:09:25 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
YCHH1

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 01/09/2024
Supervised By :Semsettin Yesilyurt 01/09/2024



TIC: VU057425.D\data.ms

(22) 2-Butanone (T)

4.724min (+ 0.010) 19.71 ug/L m

response 19931

Ion	Exp%	Act%
43.00	100.00	100.00
72.10	30.40	13.98#
0.00	0.00	0.00
0.00	0.00	0.00

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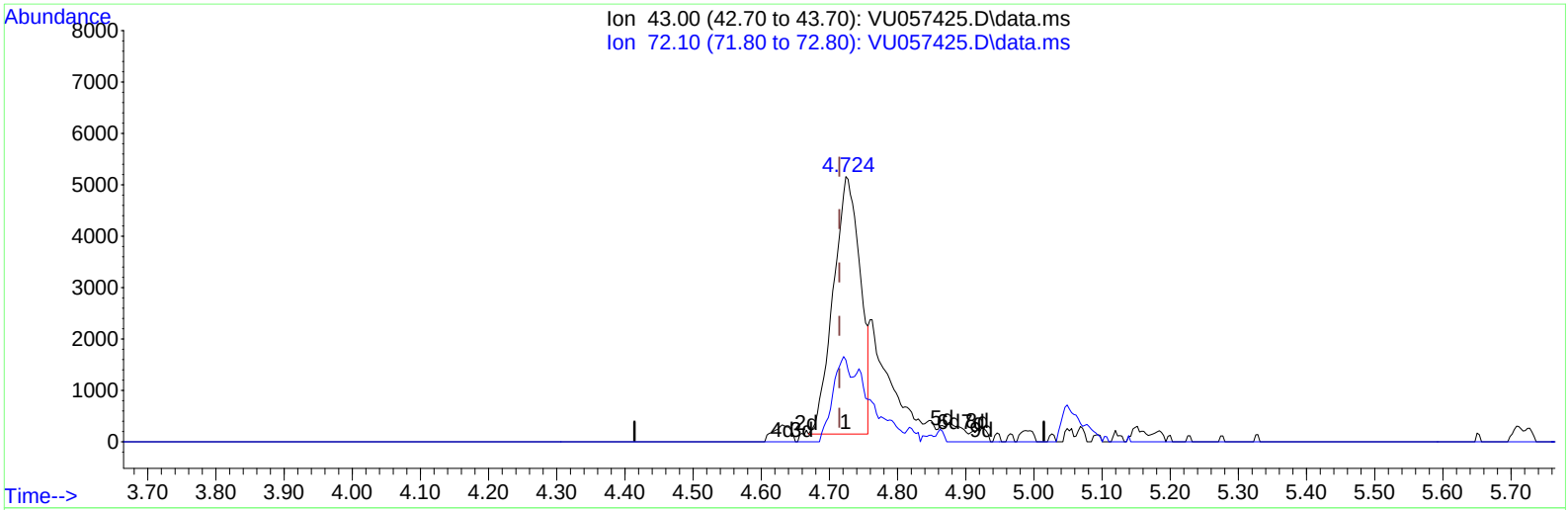

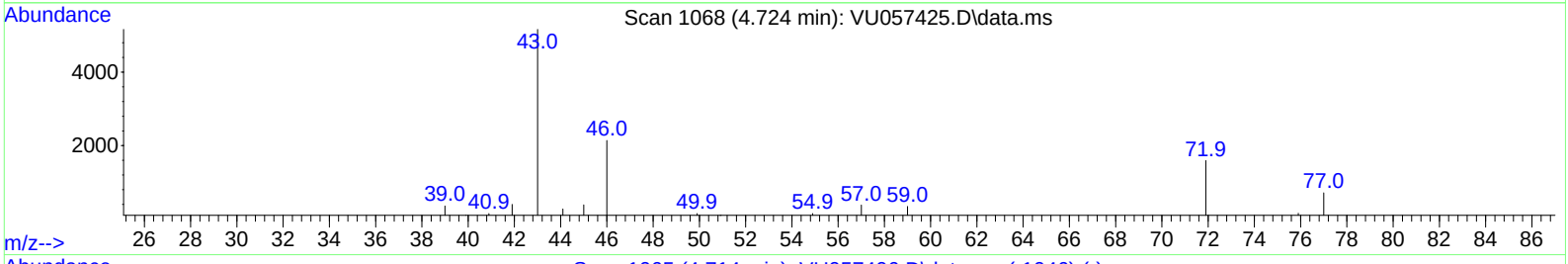

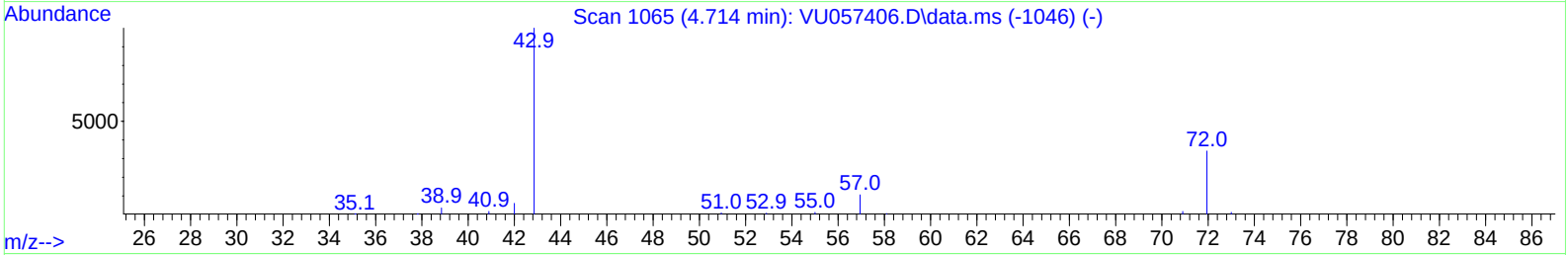

TIC: VU057425.D\data.ms

(22) 2-Butanone (T)

4.724min (+ 0.010) 13.59 ug/L

response 13743

Ion	Exp%	Act%
43.00	100.00	100.00
72.10	30.40	20.28
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	252725	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	248287	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101386	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	73290	42.135	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.260%			
7) Chloroethane-d5	1.914	69	58456	43.427	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.860%			
11) 1,1-Dichloroethene-d2	2.560	63	121246	32.886	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.780%			
21) 2-Butanone-d5	4.631	46	89918	106.683	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.680%			
24) Chloroform-d	5.055	84	177493	43.151	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.300%			
26) 1,2-Dichloroethane-d4	5.695	65	127515	46.927	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.860%			
32) Benzene-d6	5.721	84	314247	47.150	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.300%			
36) 1,2-Dichloropropane-d6	6.682	67	89120	47.377	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.760%			
41) Toluene-d8	7.891	98	281043	44.998	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.000%			
43) trans-1,3-Dichloroprop...	8.174	79	48801	43.464	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.920%			
47) 2-Hexanone-d5	8.640	63	61050	99.278	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.280%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	128390	45.672	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.340%			
66) 1,2-Dichlorobenzene-d4	12.190	152	98539	49.693	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.380%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	8546	4.991	ug/L #	1
13) Acetone	2.650	43	31928	31.107	ug/L	95
22) 2-Butanone	4.724	43	19931m	19.707	ug/L	
30) 1,1,1-Trichloroethane	5.313	97	6829	1.788	ug/L #	71

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

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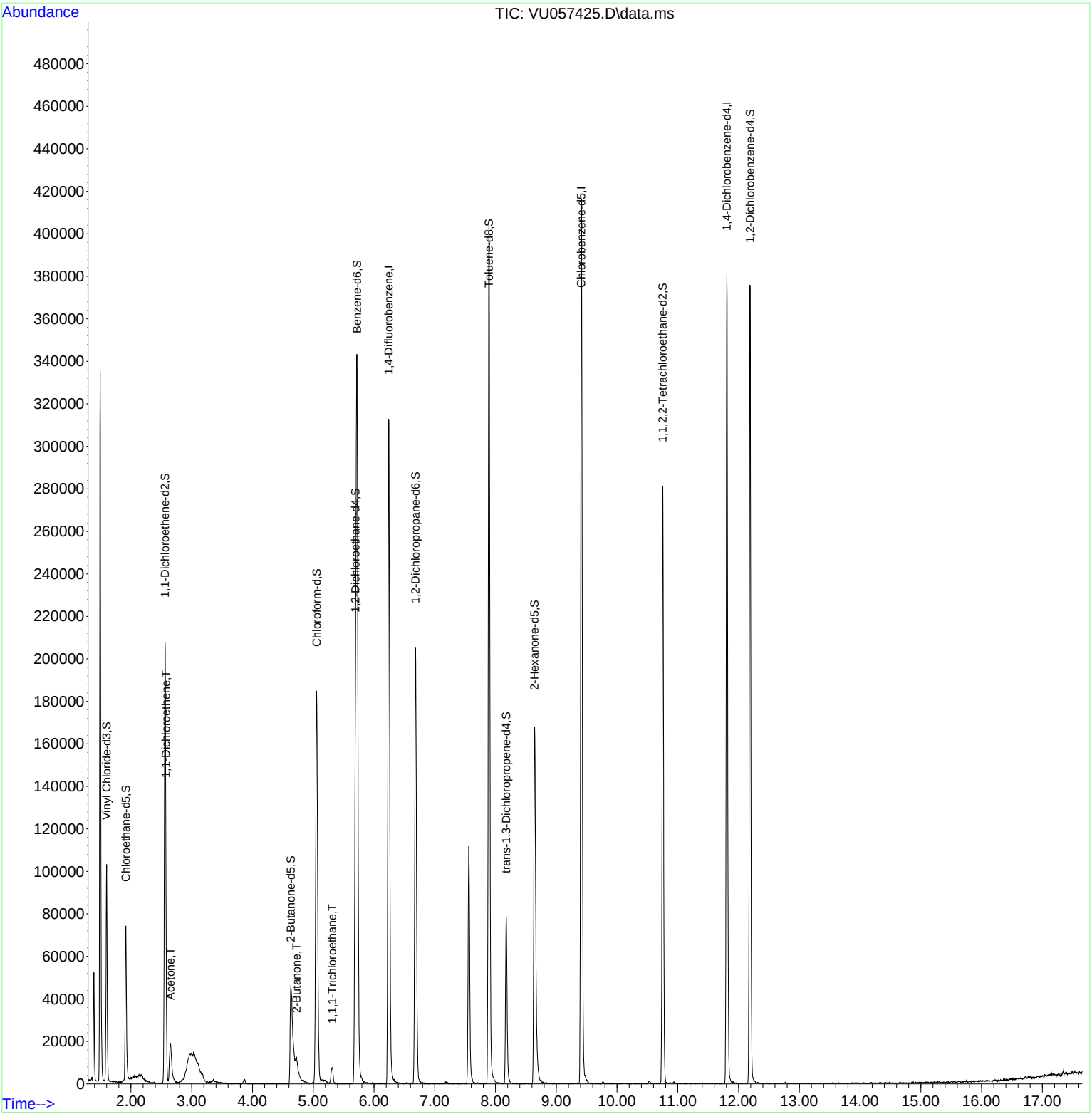
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