Quantitation Report (QT Reviewed)

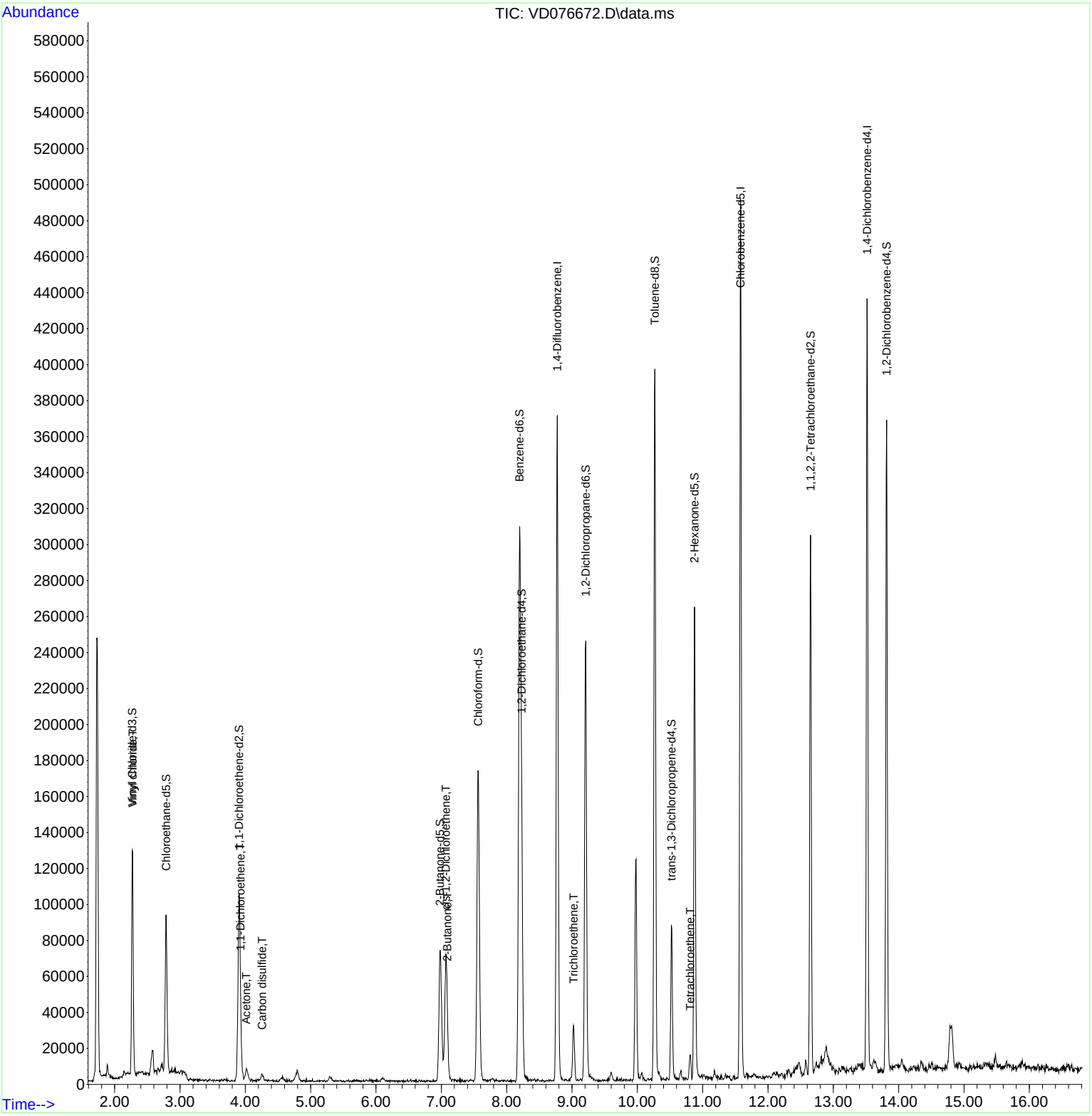
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076672.D
Acq On : 30 Jun 2023 19:40
Operator : KP/SY
Sample : 03472-16
Misc : 5.14G/10.0ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 03 01:32:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
A46T0

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



Quantitation Report (Qedit)

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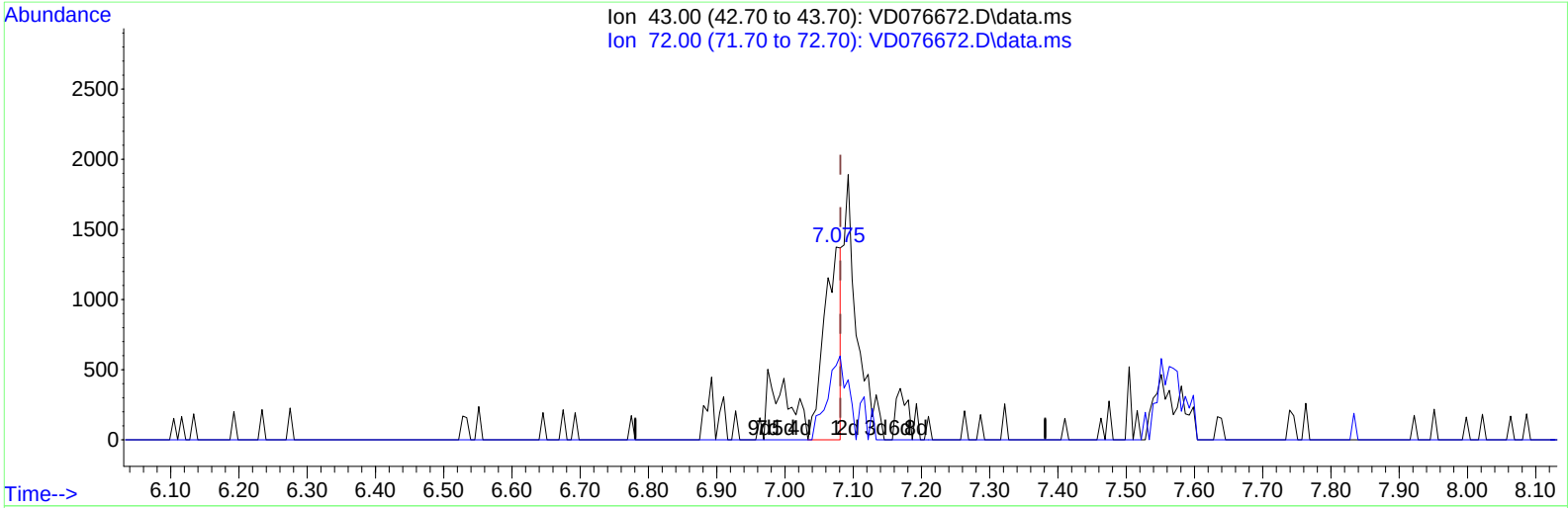

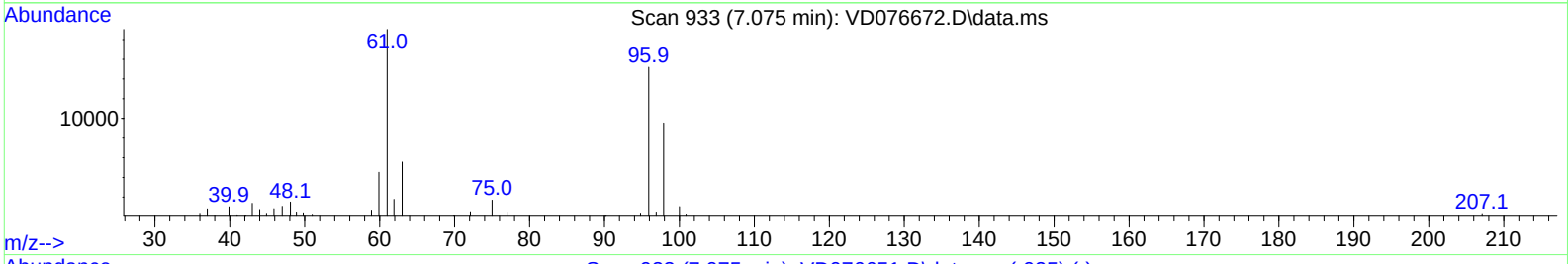

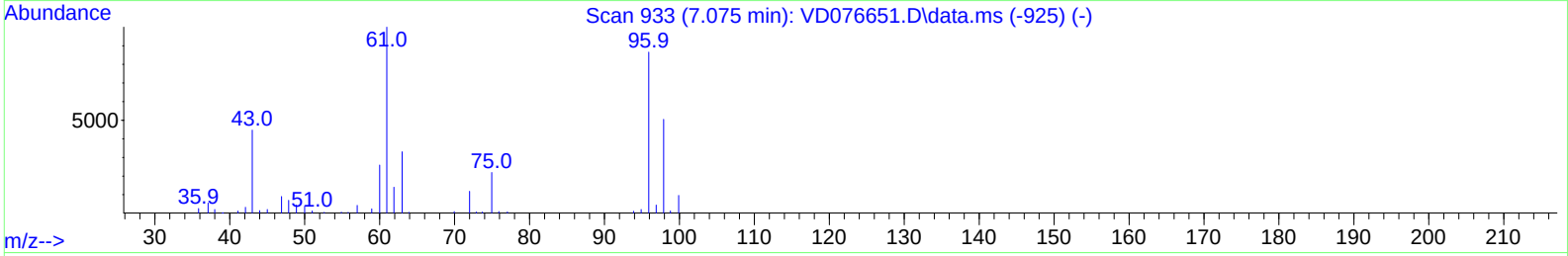

TIC: VD076672.D\data.ms

(22) 2-Butanone (T)

7.075min (-0.006) 1.57 ug/L

response 2386

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	25.80	52.26#
0.00	0.00	0.00
0.00	0.00	0.00

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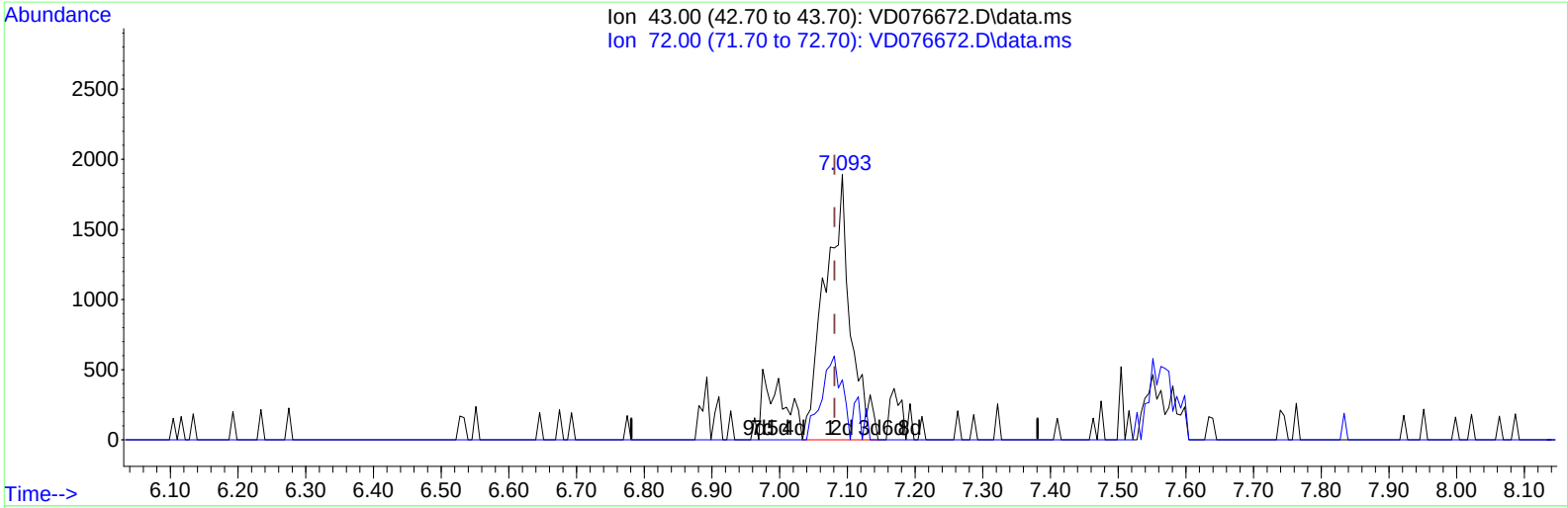

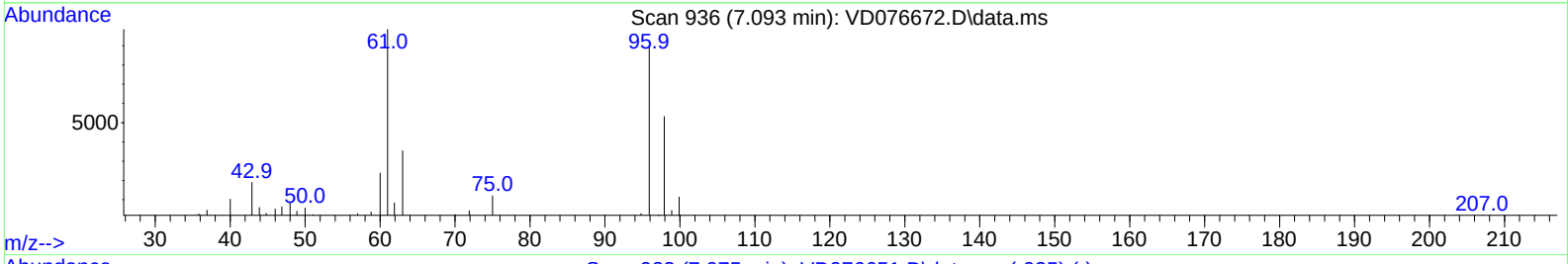

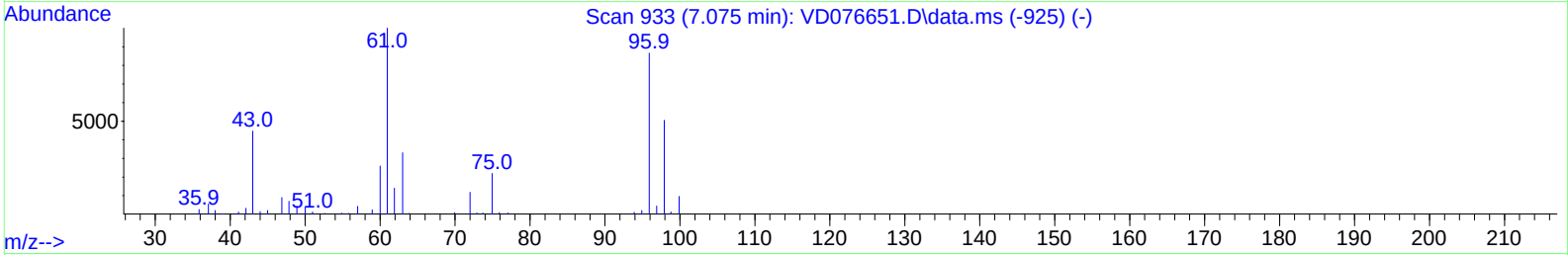

TIC: VD076672.D\data.ms

(22) 2-Butanone (T)

7.093min (+ 0.011) 3.27 ug/L m

response 4978

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	25.80	25.05
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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MSVOA_D
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Manual IntegrationsAPPROVED

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	316361	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	266456	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	110862	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	78727	10.219	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 40.880%			
7) Chloroethane-d5	2.787	69	88487	14.204	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 56.800%			
11) 1,1-Dichloroethene-d2	3.904	65	28745	14.293	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 57.160%			
21) 2-Butanone-d5	6.981	46	127993	109.696	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 219.400%#			
24) Chloroform-d	7.563	84	176700	21.200	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.800%			
26) 1,2-Dichloroethane-d4	8.228	65	114097	27.749	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.000%			
32) Benzene-d6	8.198	84	313407	19.228	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 76.920%			
36) 1,2-Dichloropropane-d6	9.210	67	114998	22.103	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.400%			
41) Toluene-d8	10.269	98	265870	17.616	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 70.480%			
43) trans-1,3-Dichloroprop...	10.522	79	47845	22.109	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.440%			
47) 2-Hexanone-d5	10.875	63	88404	109.462	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 218.920%#			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	145486	39.305	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 157.200%#			
66) 1,2-Dichlorobenzene-d4	13.816	152	91843	22.602	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.400%			
Target Compounds						Qvalue
5) Vinyl chloride	2.275	62	44833	5.071	ug/L	88
12) 1,1-Dichloroethene	3.928	96	3503	0.853	ug/L #	1
13) Acetone	4.016	43	11147	11.828	ug/L	89
14) Carbon disulfide	4.257	76	6943	0.466	ug/L #	76
20) cis-1,2-Dichloroethene	7.069	96	40976	8.015	ug/L	93
22) 2-Butanone	7.093	43	4978m	3.273	ug/L	
34) Trichloroethene	9.028	95	8835	1.950	ug/L	89
46) Tetrachloroethene	10.810	164	2782	0.781	ug/L	78

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