

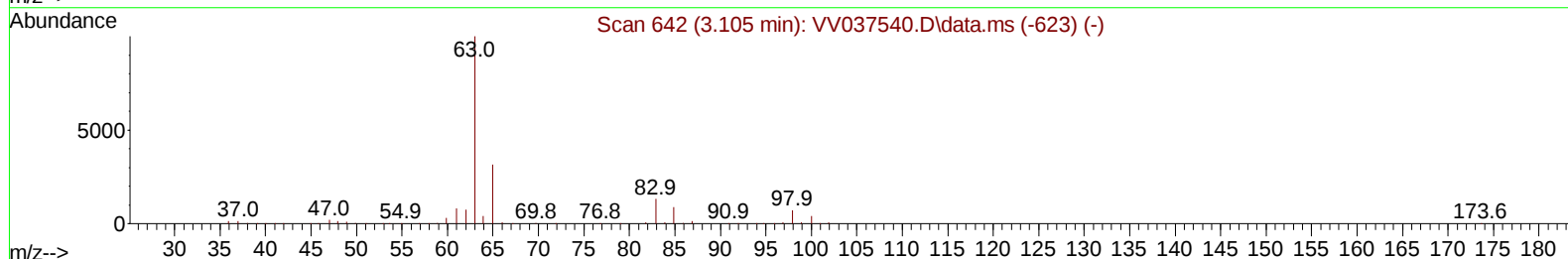
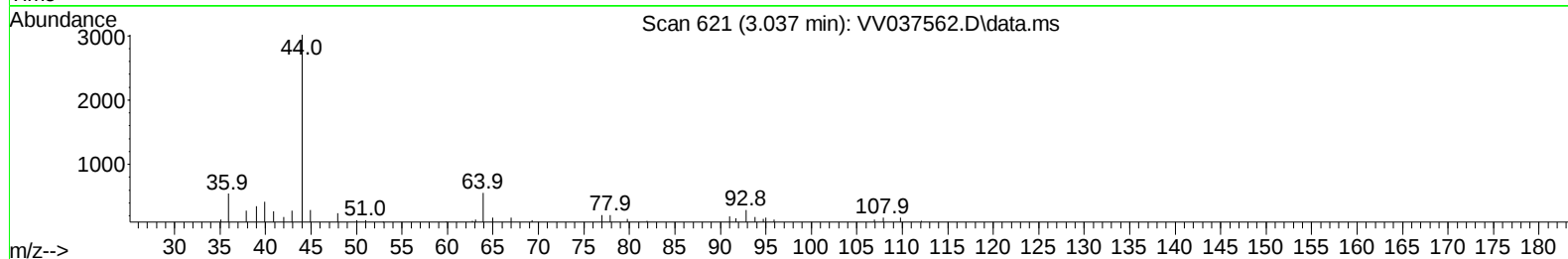
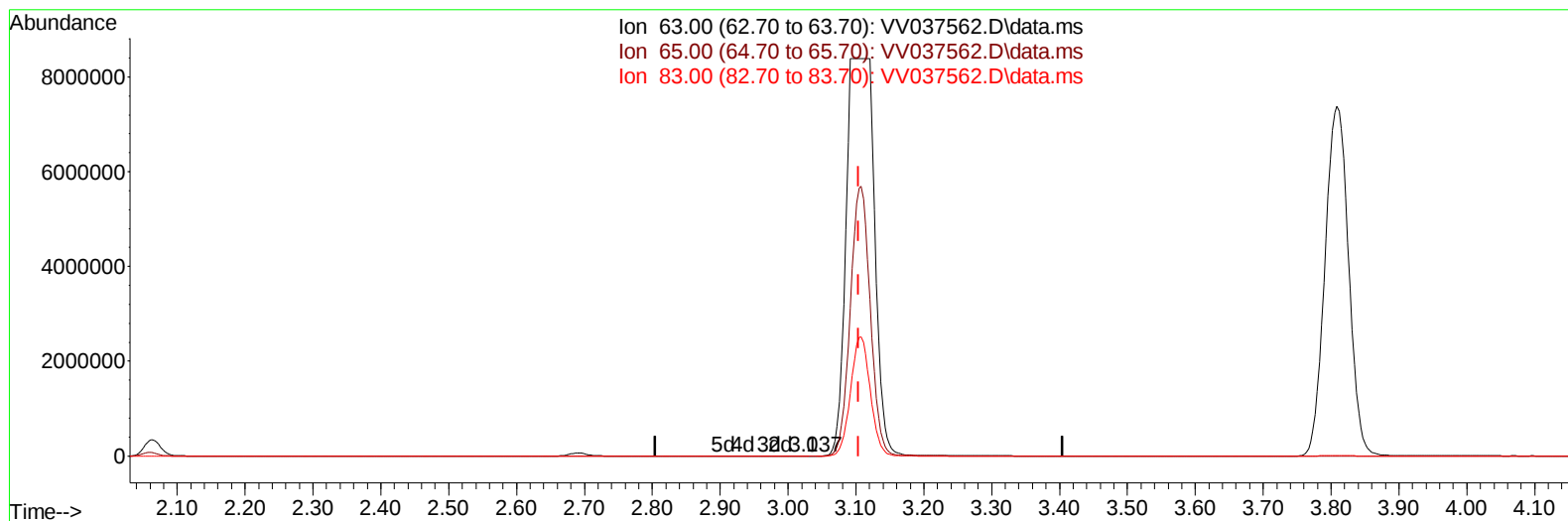
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037562.D
Acq On : 26 Sep 2024 20:26
Operator : SY/MD
Sample : P4184-14
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY040

Manual IntegrationsAPPROVED

Quant Time: Sep 27 00:55:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 00:49:09 2024
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



TIC: VV037562.D\data.ms

(19) 1,1-Dichloroethane (T)

3.037min (-0.068) 0.01 ug/L

response 108

Ion	Exp%	Act%
63.00	100.00	100.00
65.00	32.00	66.17#
83.00	13.60	0.00#
0.00	0.00	0.00

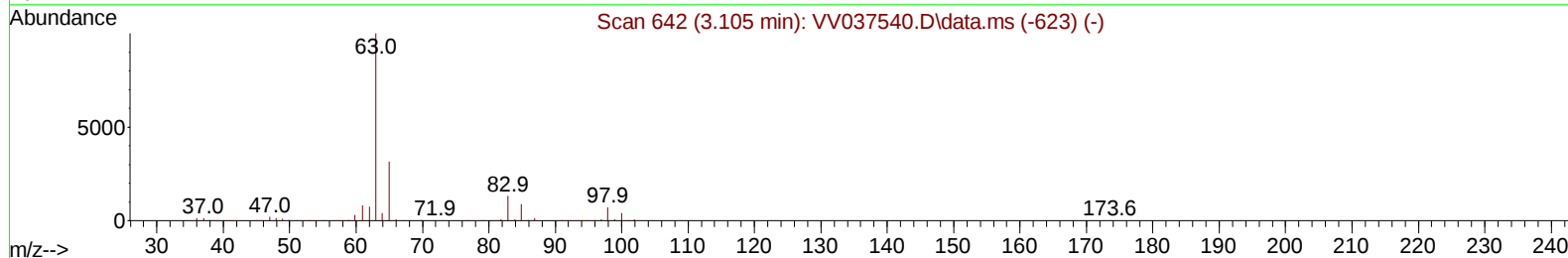
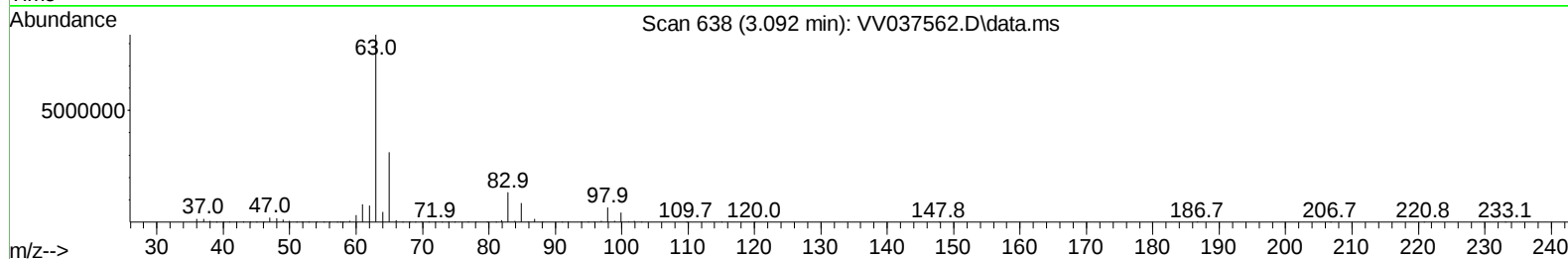
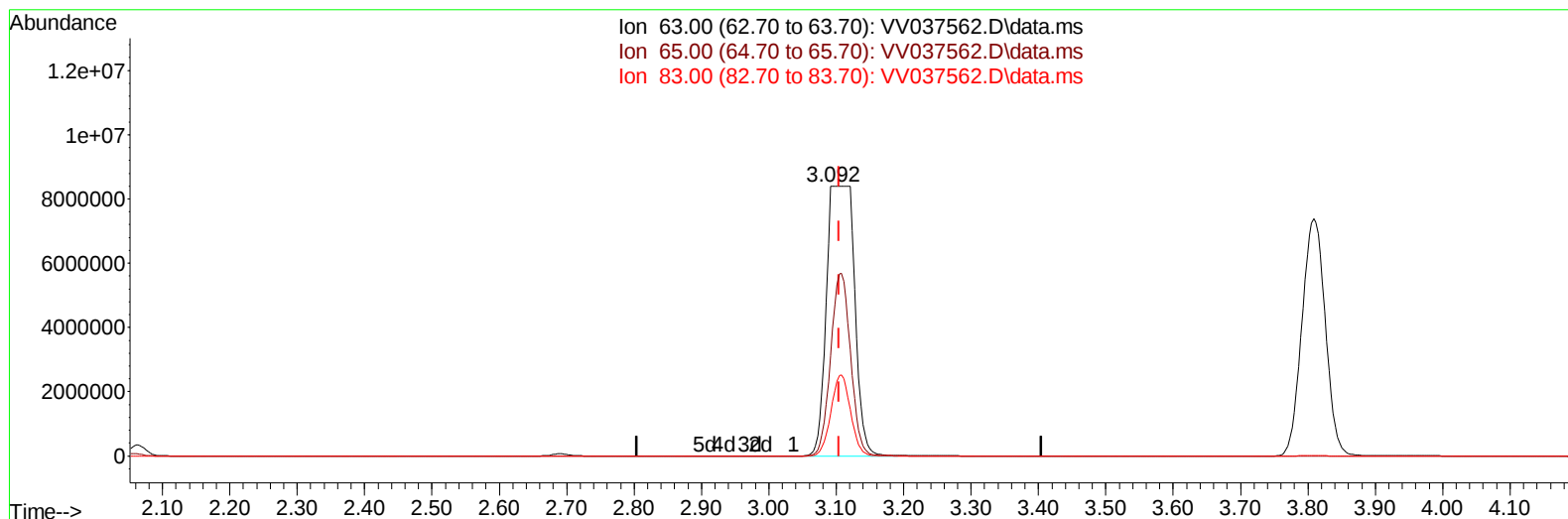
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TIC: VV037562.D\data.ms

(19) 1,1-Dichloroethane (T)

3.092min (-0.013) 2598.19 ug/L m

response 24193292

Ion	Exp%	Act%
63.00	100.00	100.00
65.00	32.00	37.22
83.00	13.60	15.81
0.00	0.00	0.00

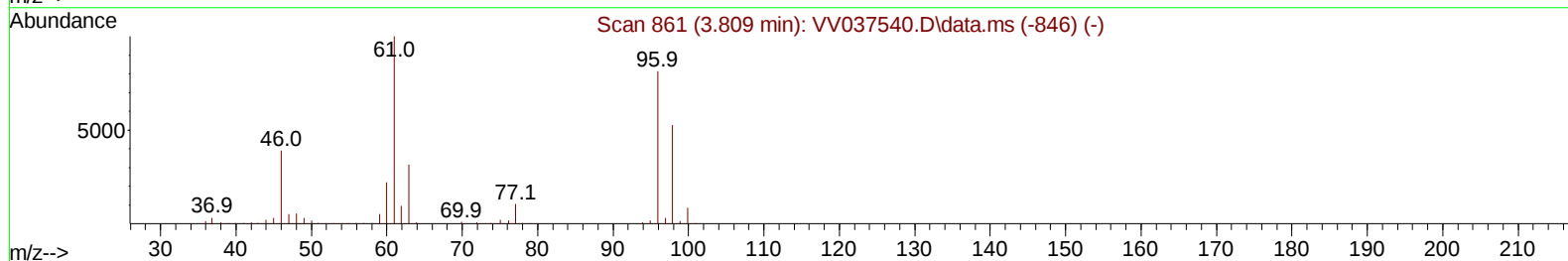
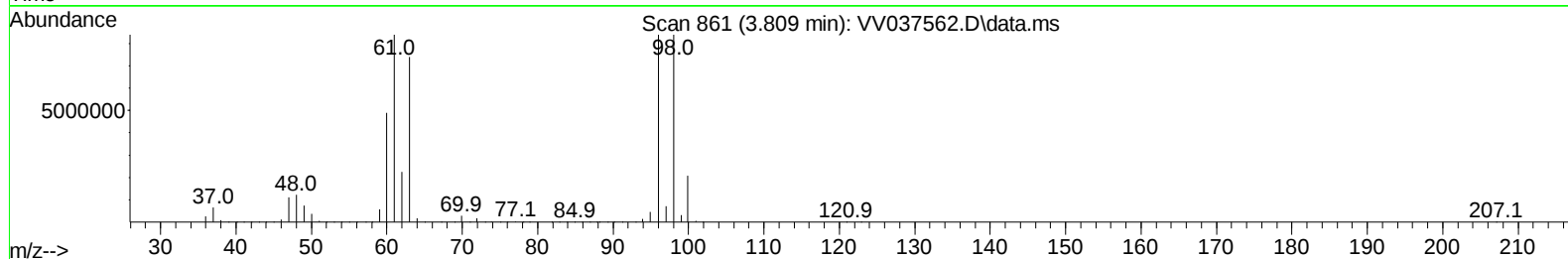
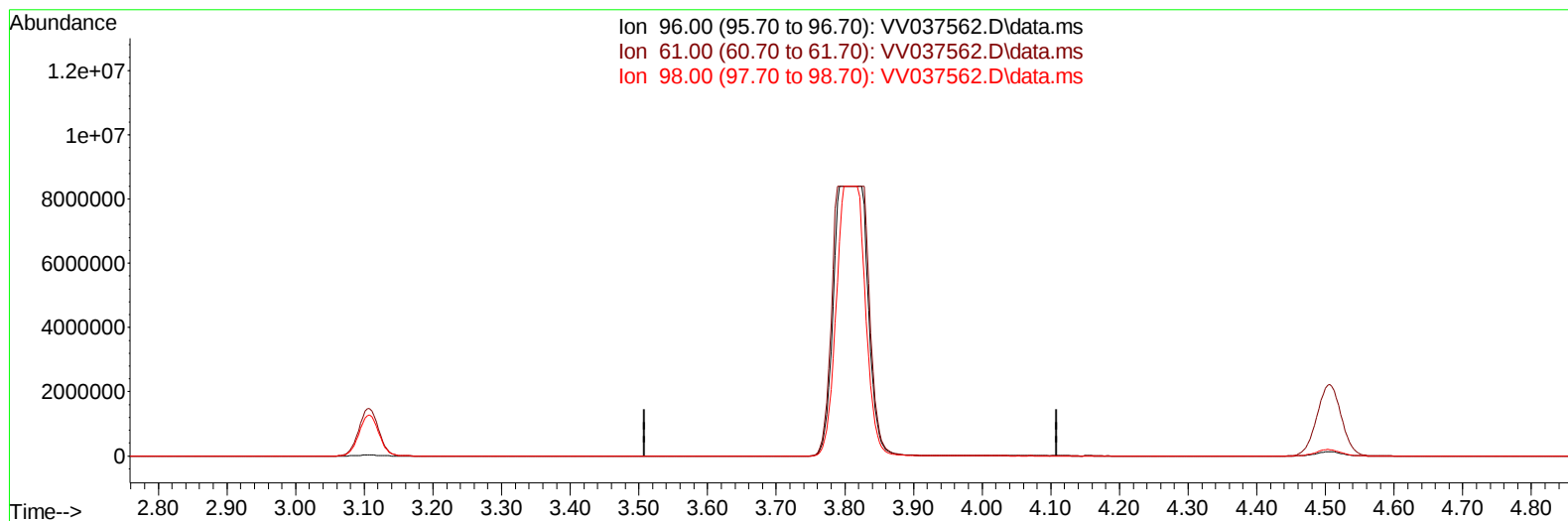
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TIC: VV037562.D\data.ms

(20) cis-1,2-Dichloroethene (T)

3.809min (-3.809) 0.00 ug/L

response 0

Ion	Exp%	Act%
96.00	100.00	0.00
61.00	121.40	0.00#
98.00	63.10	0.00#
0.00	0.00	0.00

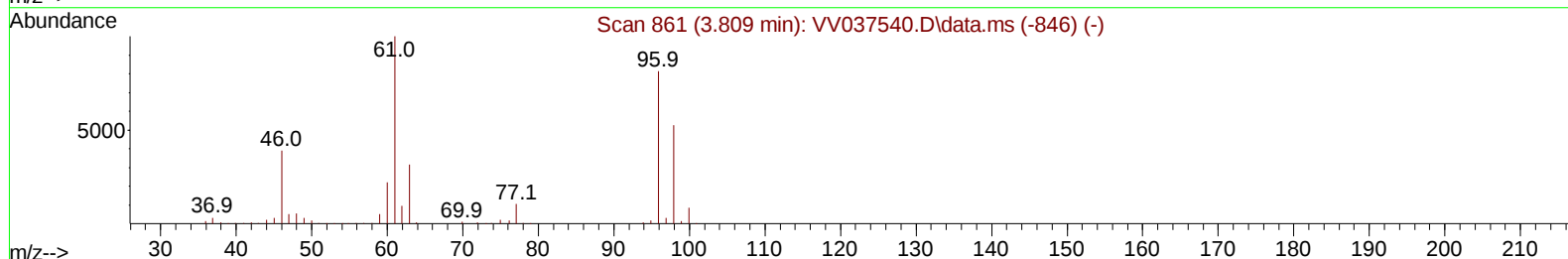
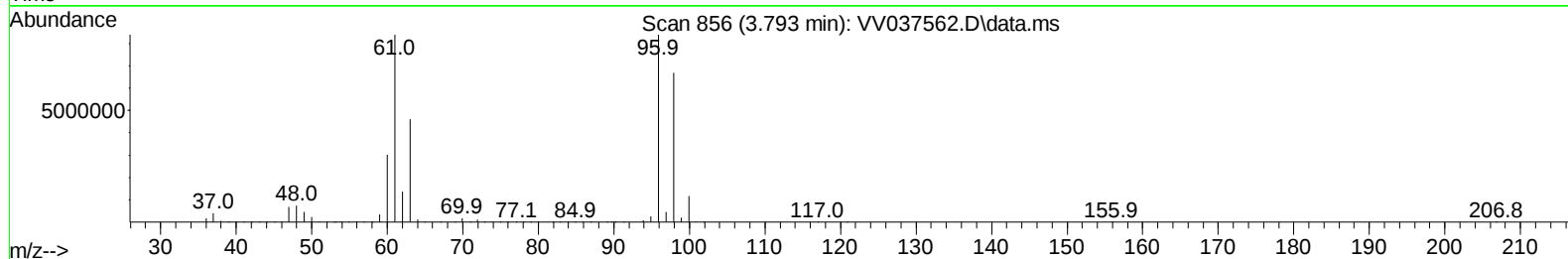
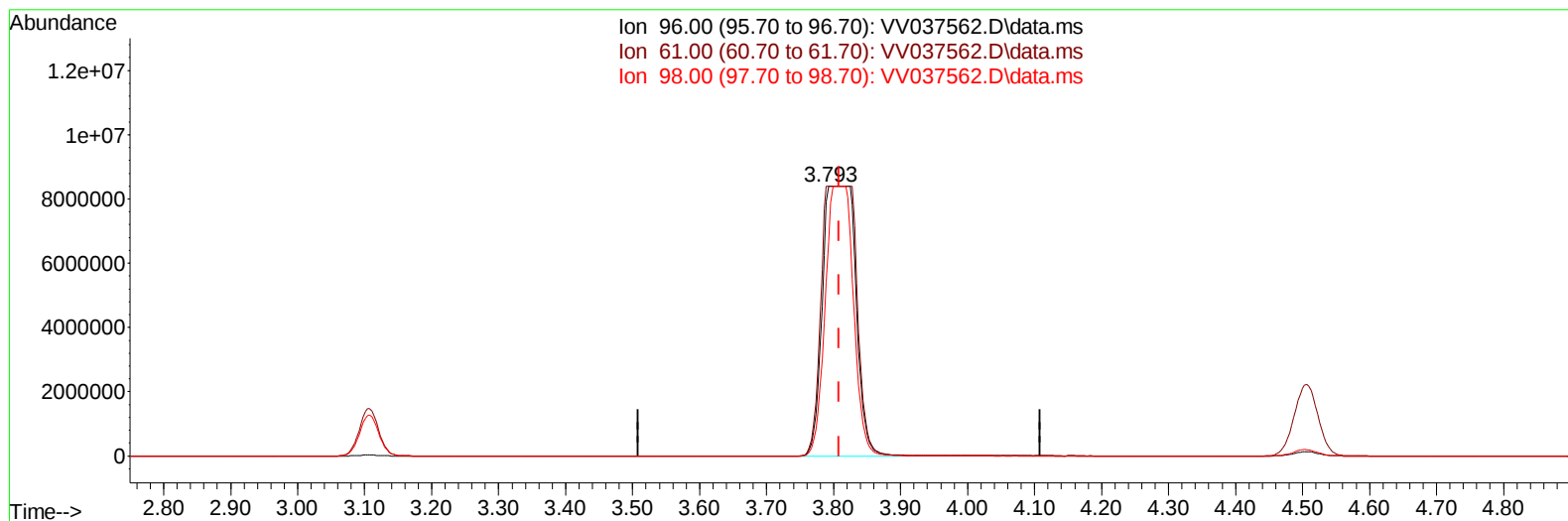
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TIC: VV037562.D\data.ms

(20) cis-1,2-Dichloroethene (T)

3.793min (-0.016) 5243.76 ug/L m

response 28518629

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	121.40	100.00
98.00	63.10	79.67
0.00	0.00	0.00

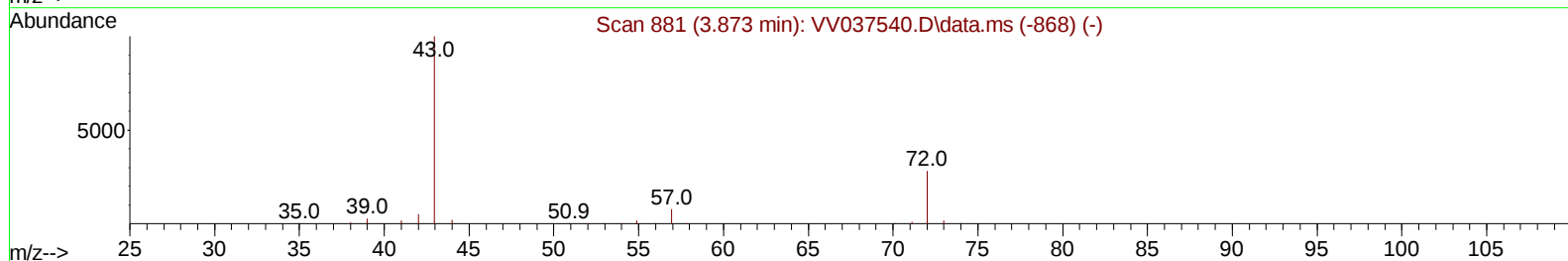
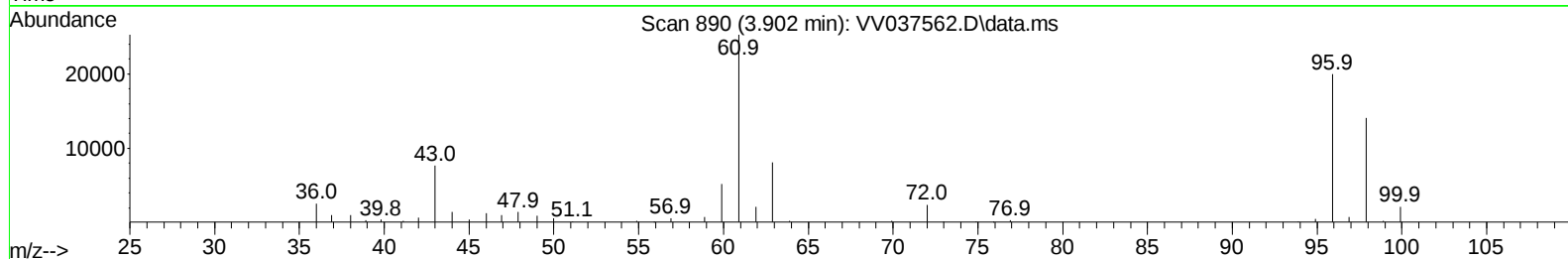
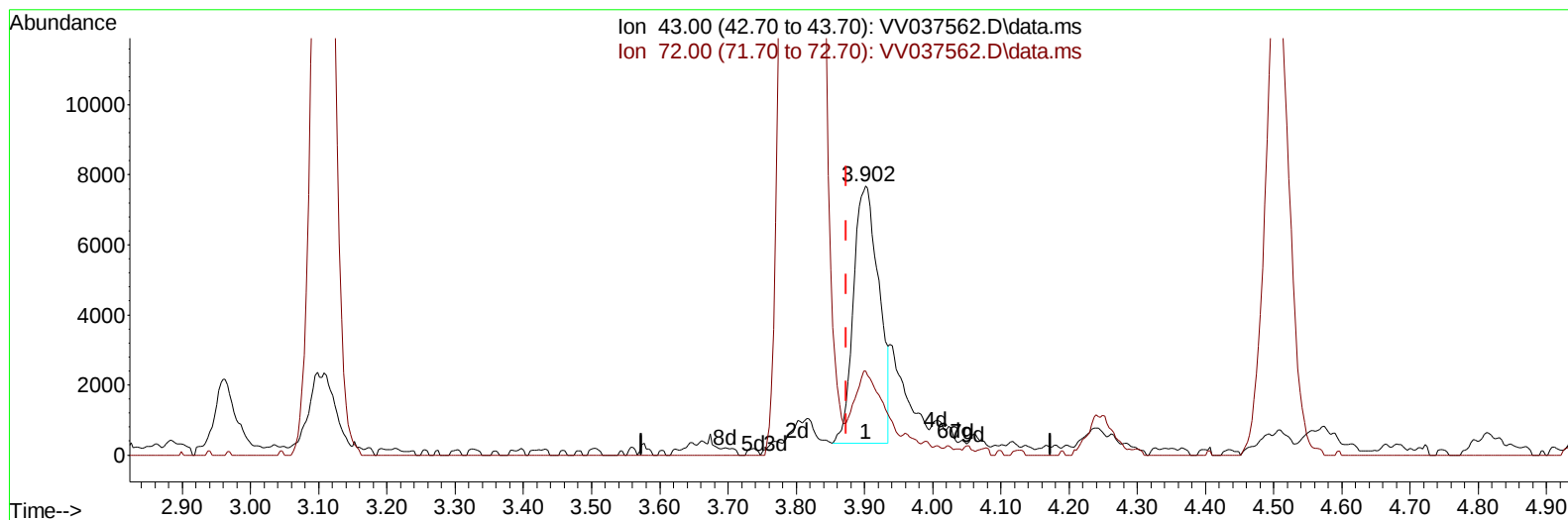
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Data File : VV037562.D
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Instrument :
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TIC: VV037562.D\data.ms

(22) 2-Butanone (T)

3.902min (+ 0.029) 8.11 ug/L

response 18976

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	28.60	38.78
0.00	0.00	0.00
0.00	0.00	0.00

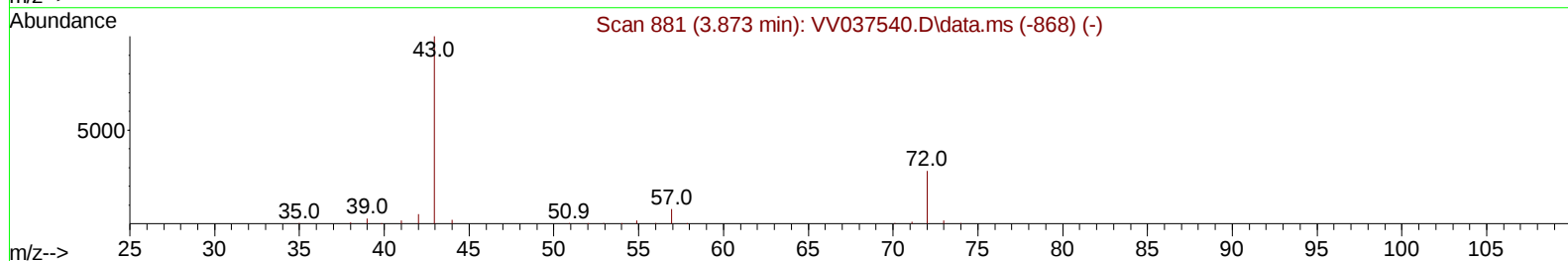
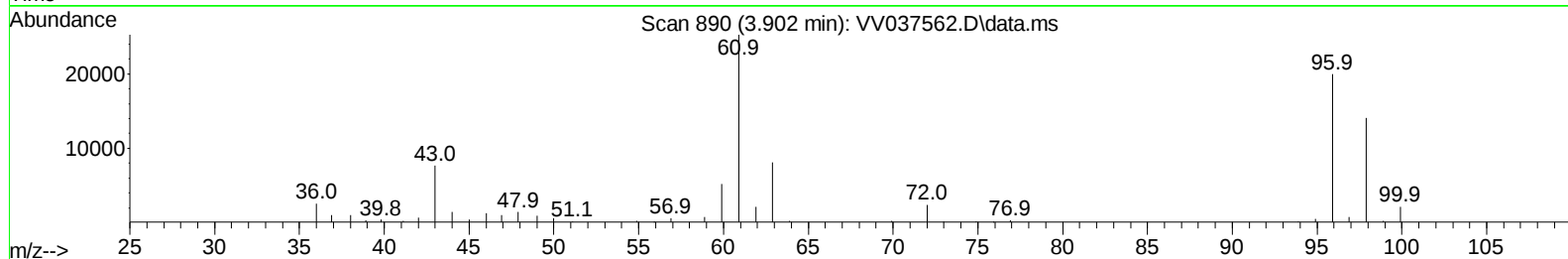
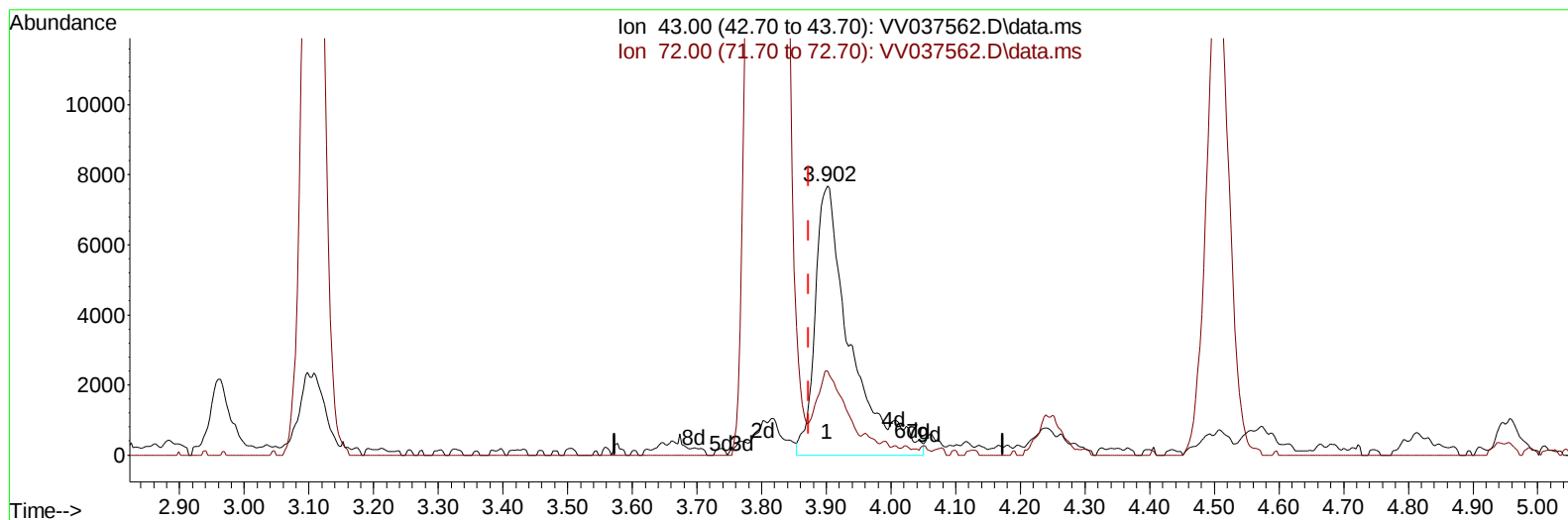
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TIC: VV037562.D\data.ms

(22) 2-Butanone (T)

3.902min (+ 0.029) 12.41 ug/L m

response 29048

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	28.60	25.33
0.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	690045	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	667757	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	362213	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	273502	45.151	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	90.300%	
7) Chloroethane-d5	1.532	69	205416	43.688	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	87.380%	
11) 1,1-Dichloroethene-d2	2.059	65	110726	43.752	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	87.500%	
21) 2-Butanone-d5	3.809	46	223708	103.685	ug/L	0.02
Spiked Amount 100.000	Range 40	- 130	Recovery	=	103.690%	
24) Chloroform-d	4.243	84	448498	41.616	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	83.240%	
26) 1,2-Dichloroethane-d4	4.937	65	270130	42.823	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	85.640%	
32) Benzene-d6	4.953	84	913460	43.716	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	87.440%	
36) 1,2-Dichloropropane-d6	5.982	67	290364	43.639	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	87.280%	
41) Toluene-d8	7.239	98	830485	43.831	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	87.660%	
43) trans-1,3-Dichloroprop...	7.548	79	133134	43.073	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	86.140%	
47) 2-Hexanone-d5	8.024	63	136566	97.200	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	97.200%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	346832	44.862	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	89.720%	
66) 1,2-Dichlorobenzene-d4	11.554	152	341111	44.692	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	89.380%	
Target Compounds						
						Qvalue
5) Vinyl chloride	1.285	62	1517628	248.215	ug/L	99
8) Chloroethane	1.548	64	661438	175.517	ug/L	98
12) 1,1-Dichloroethene	2.069	96	435885	94.882	ug/L #	72
16) Methylene chloride	2.445	84	19611	3.770	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	244878	50.386	ug/L	99
19) 1,1-Dichloroethane	3.092	63	24193292m	2598.194	ug/L	
20) cis-1,2-Dichloroethene	3.793	96	28518629m	5243.761	ug/L	
22) 2-Butanone	3.902	43	29048m	12.408	ug/L	
27) 1,2-Dichloroethane	5.037	62	154783	22.742	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	13027516	1584.028	ug/L	99
33) Benzene	5.008	78	167718	8.328	ug/L	100
34) Trichloroethene	5.828	95	270965	50.523	ug/L	99
35) Methylcyclohexane	6.043	83	25139	3.047	ug/L	95
40) 4-Methyl-2-pentanone	7.172	43	18410	4.348	ug/L	95
42) Toluene	7.307	91	2882122	138.048	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	13035	2.610	ug/L	94
46) Tetrachloroethene	7.902	164	92066	22.452	ug/L	98
52) Ethylbenzene	8.940	91	1738222	73.964	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.066	106	1663994	190.250	ug/L	100
54) o-Xylene	9.471	106	1224287	143.376	ug/L	97
60) Isopropylbenzene	9.863	105	188159	7.990	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	1219228	65.487	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	5366536	289.703	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	16281	1.453	ug/L	96

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

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