

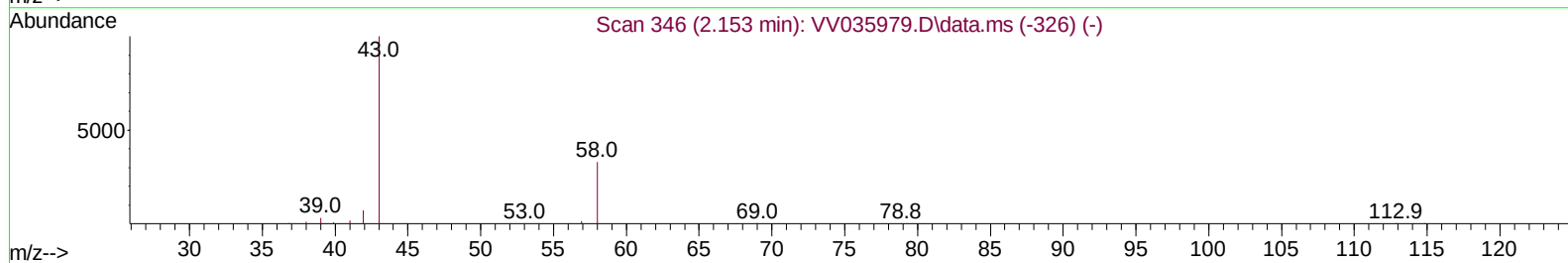
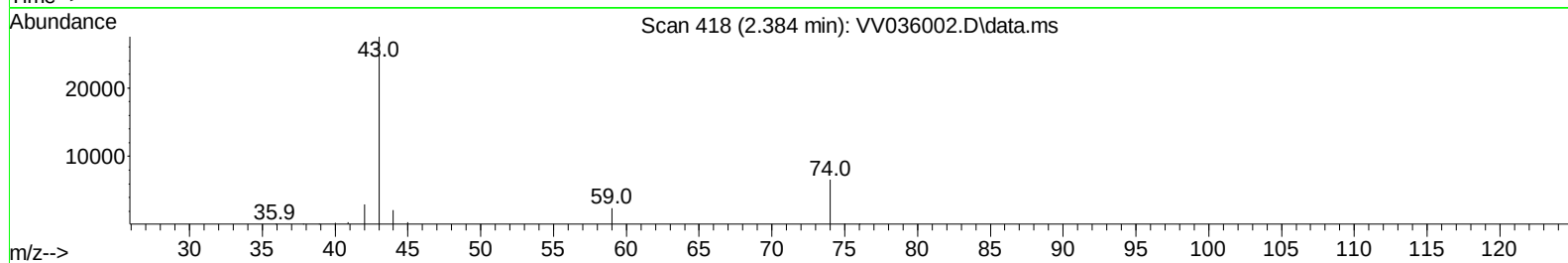
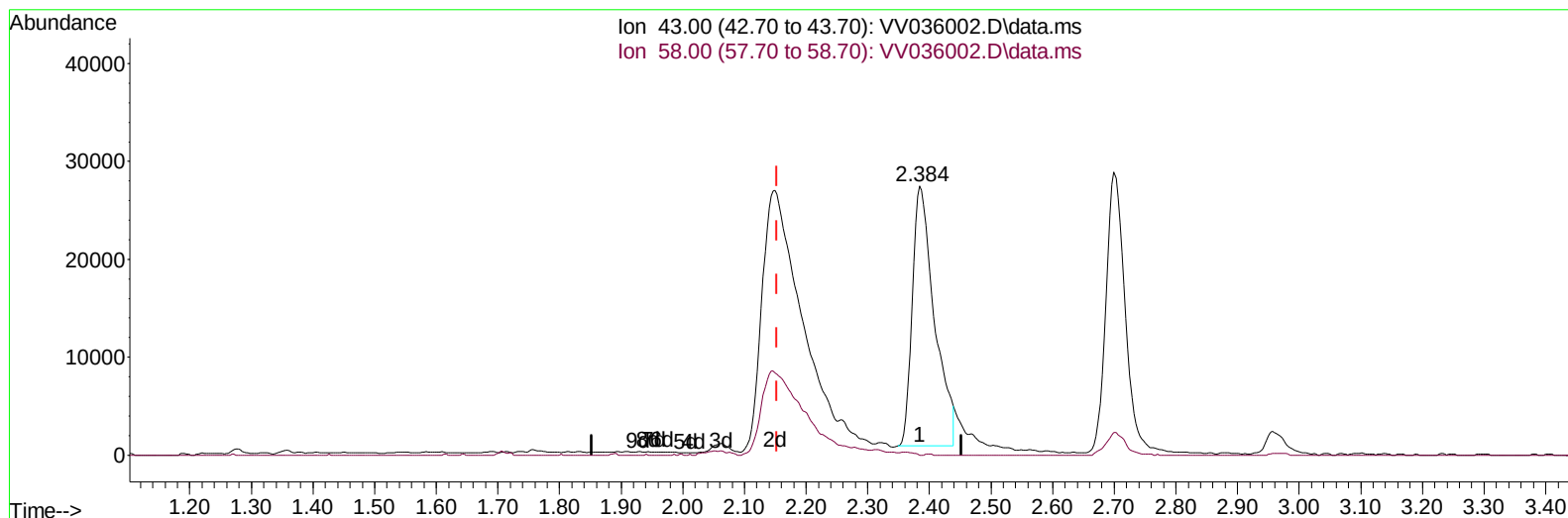
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
 Data File : VV036002.D
 Acq On : 07 Jun 2024 11:06
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: Jun 08 00:24:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 02:16:44 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 06/11/2024
 Supervised By :Semsettin Yesilyurt 06/11/2024



TIC: VV036002.D\data.ms

(13) Acetone (T)

2.384min (+ 0.232) 24.05 ug/L

response 66015

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	12.10	0.14
0.00	0.00	0.00
0.00	0.00	0.00

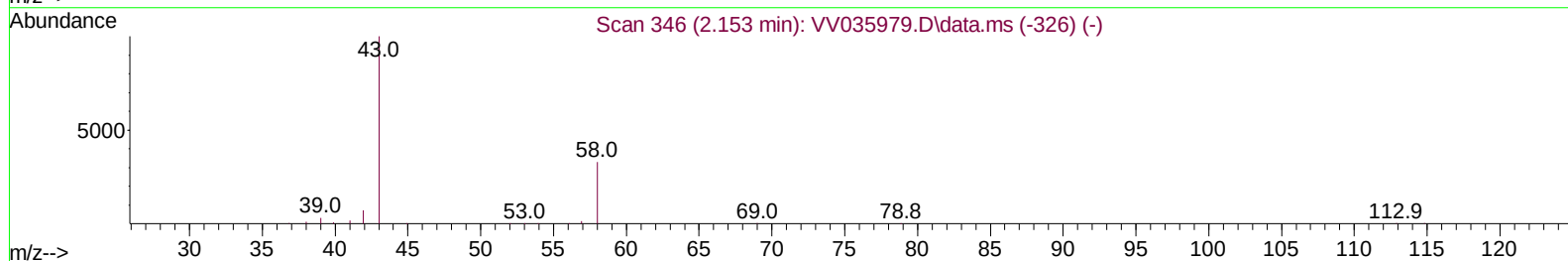
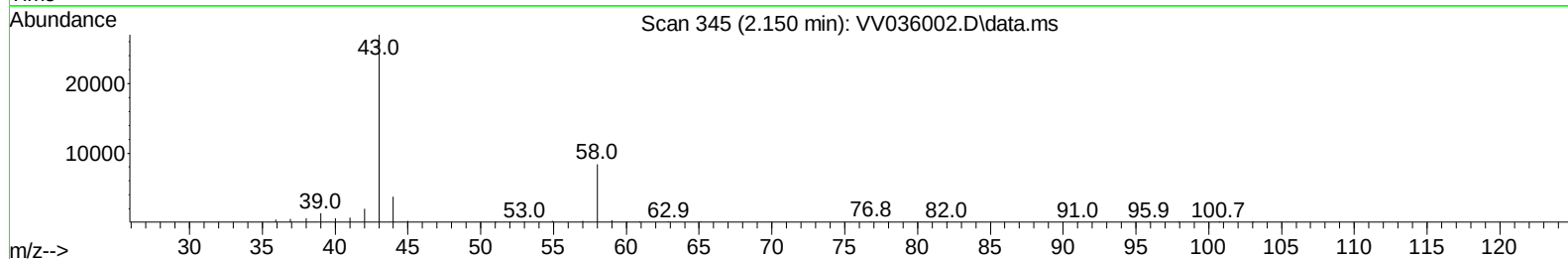
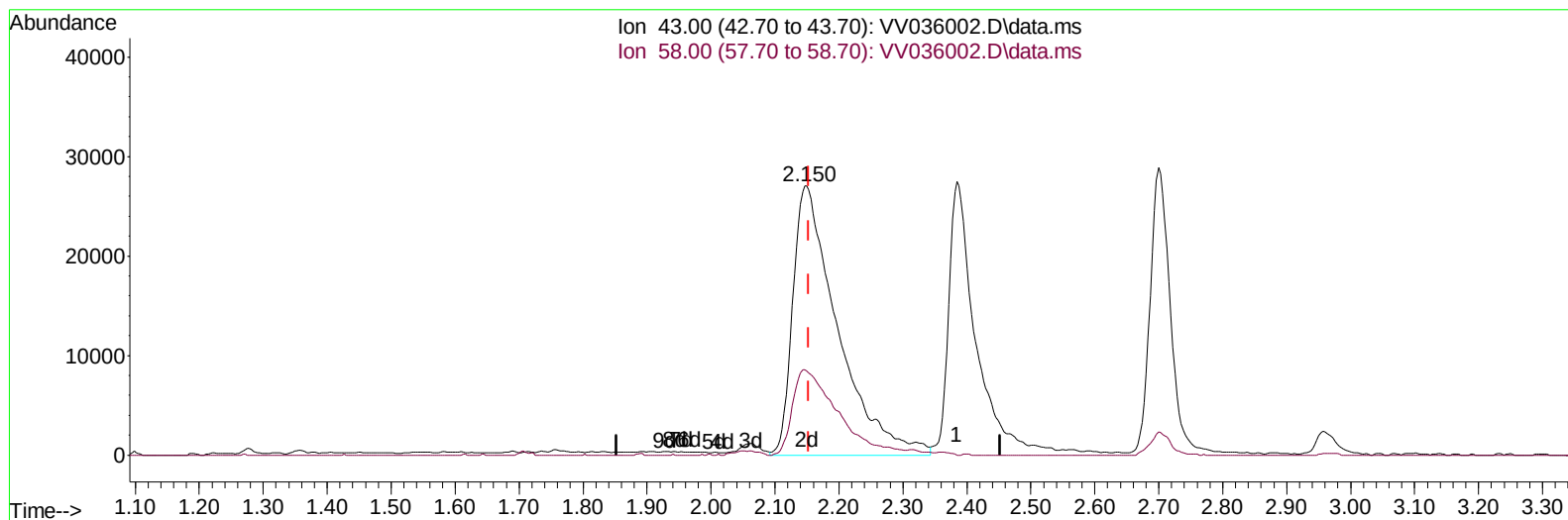
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
Data File : VV036002.D
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Supervised By :Semsettin Yesilyurt 06/11/2024



TIC: VV036002.D\data.ms

(13) Acetone (T)

2.150min (-0.003) 47.76 ug/L m

response 131112

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	12.10	0.07
0.00	0.00	0.00
0.00	0.00	0.00

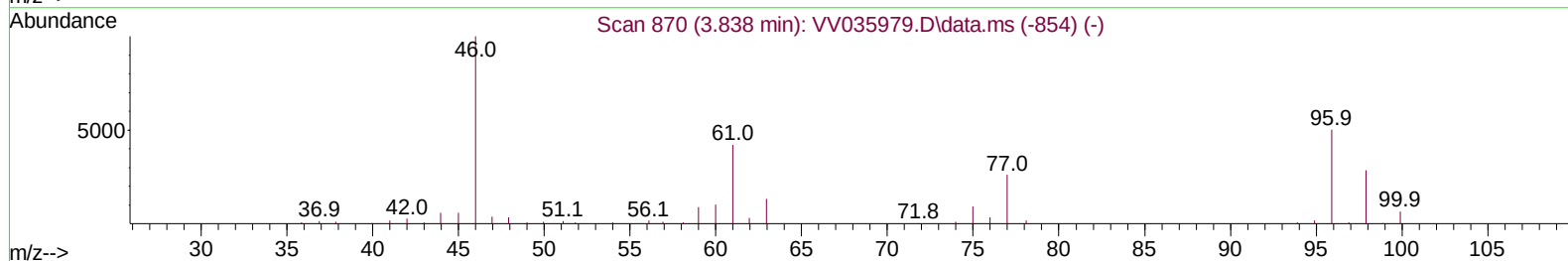
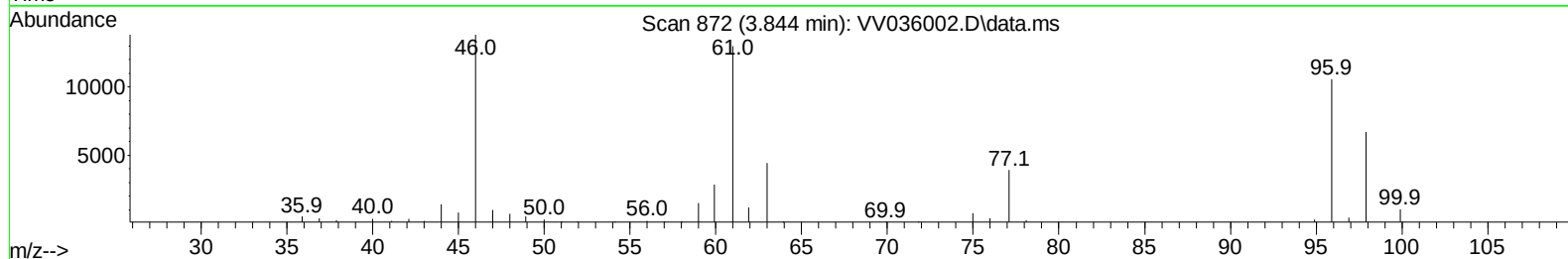
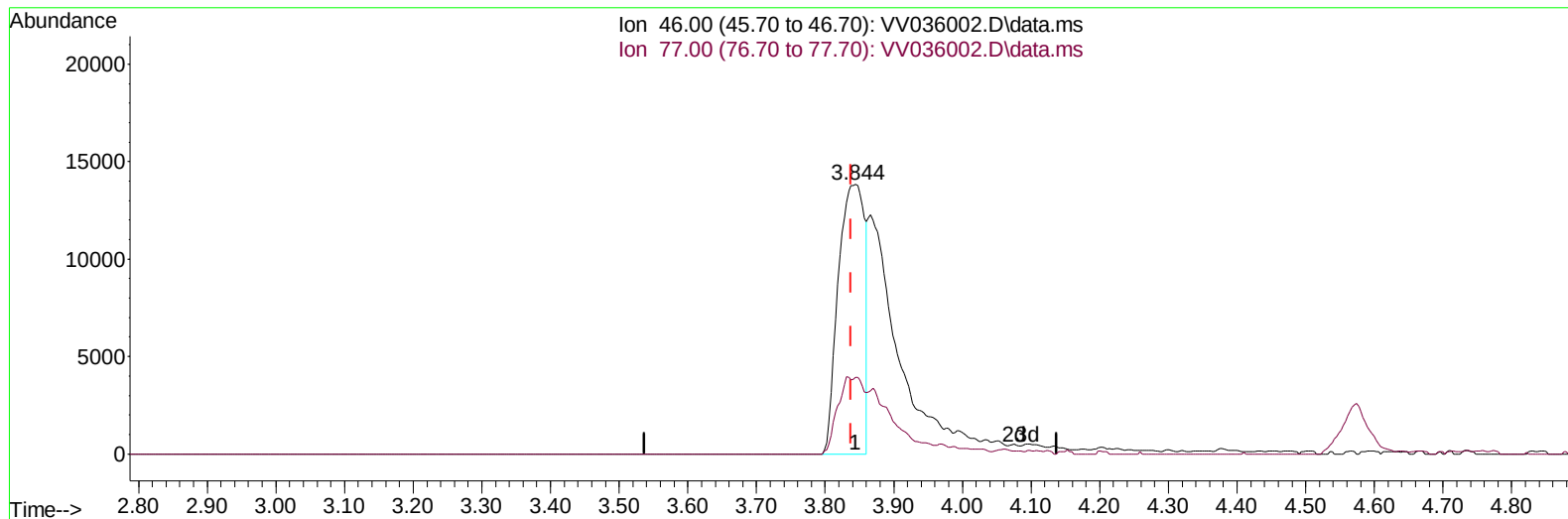
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Data File : VV036002.D
Acq On : 07 Jun 2024 11:06
Operator : SY/MD
Sample : VSTDCCC025
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
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TIC: VV036002.D\data.ms

(21) 2-Butanone-d5 (S)

3.844min (+ 0.007) 20.95 ug/L

response 36930

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.90	15.13
0.00	0.00	0.00
0.00	0.00	0.00

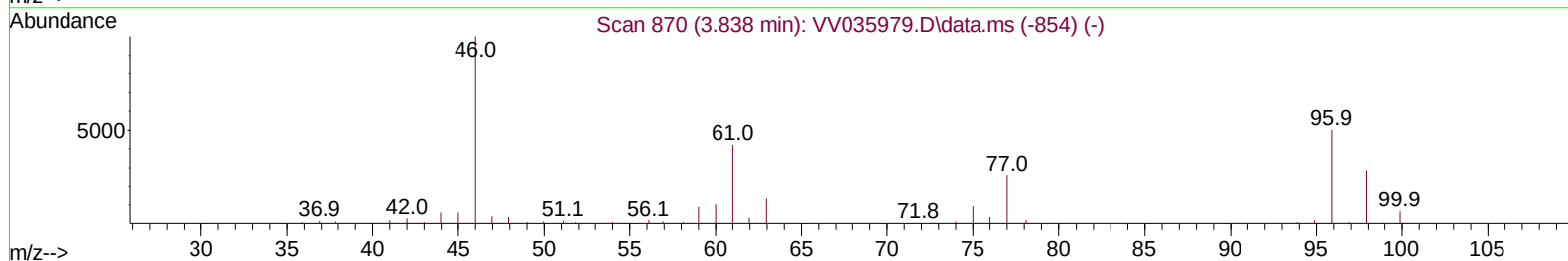
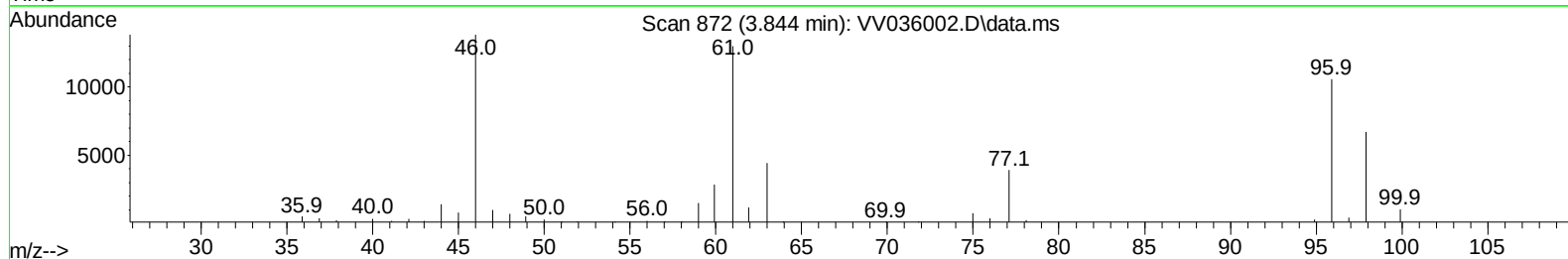
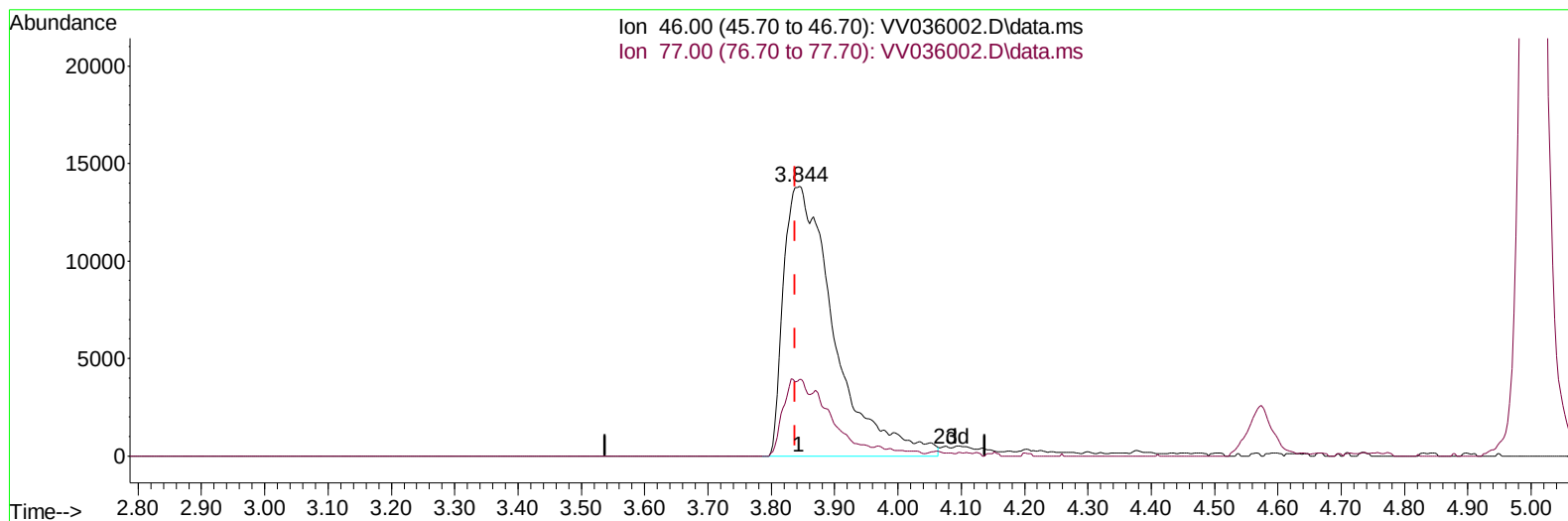
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
Data File : VV036002.D
Acq On : 07 Jun 2024 11:06
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Instrument :
MSVOA_V
LabSampleId :
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TIC: VV036002.D\data.ms

(21) 2-Butanone-d5 (S)

3.844min (+ 0.007) 43.47 ug/L m

response 76610

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.90	7.29#
0.00	0.00	0.00
0.00	0.00	0.00

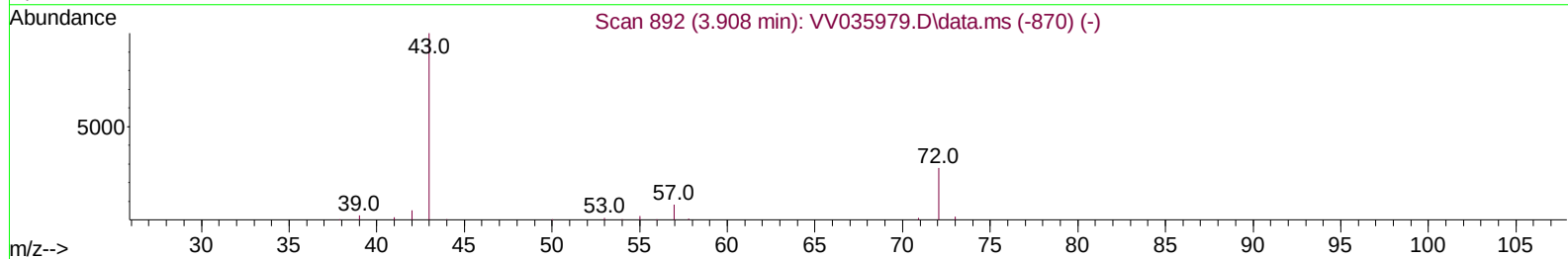
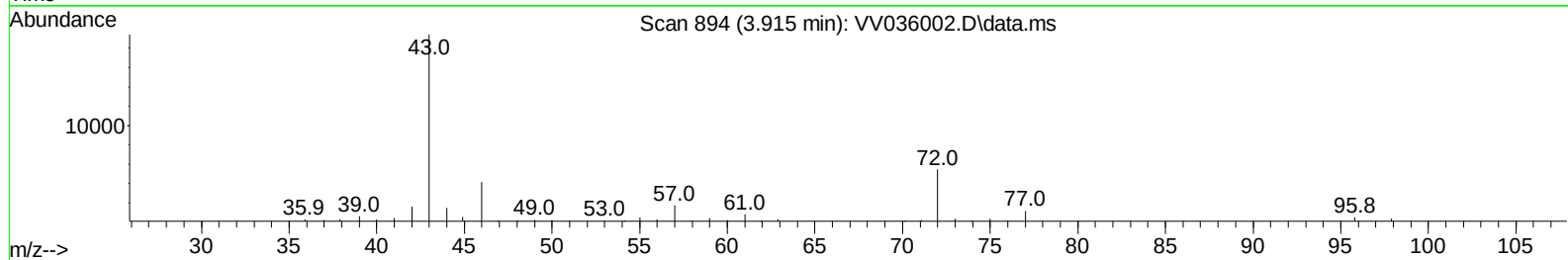
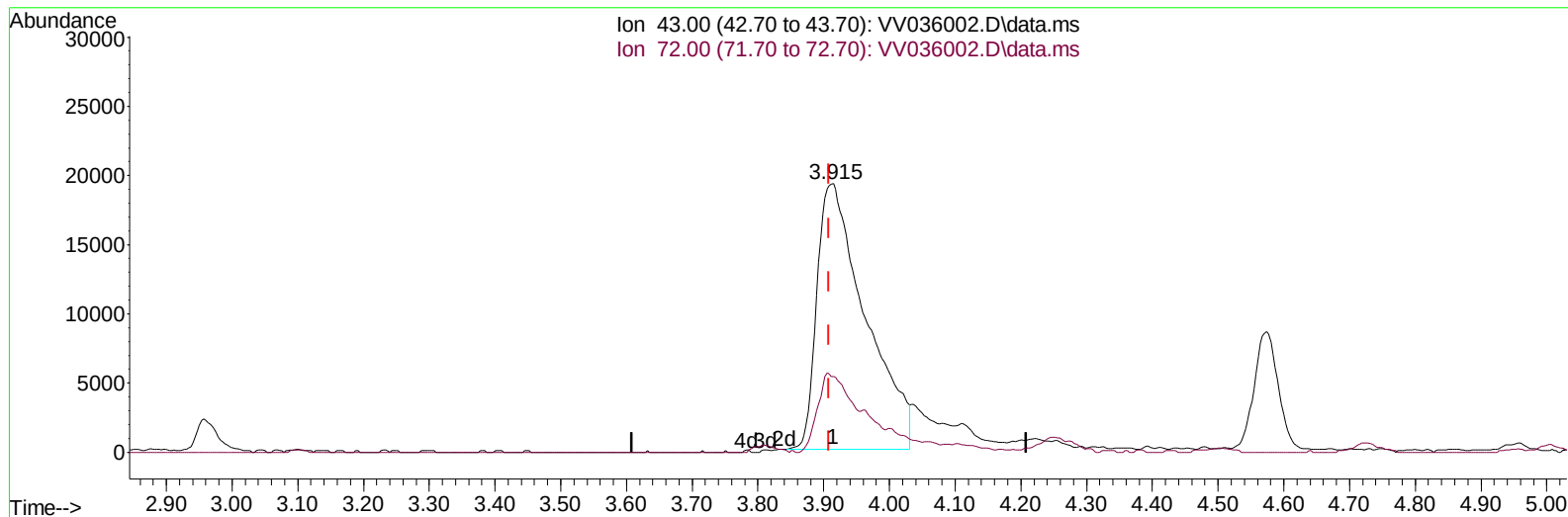
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Data File : VV036002.D
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Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

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QLast Update : Fri Jun 07 02:16:44 2024
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Supervised By :Semsettin Yesilyurt 06/11/2024



TIC: VV036002.D\data.ms

(22) 2-Butanone (T)

3.915min (+ 0.007) 42.11 ug/L

response 98106

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	16.30	19.61
0.00	0.00	0.00
0.00	0.00	0.00

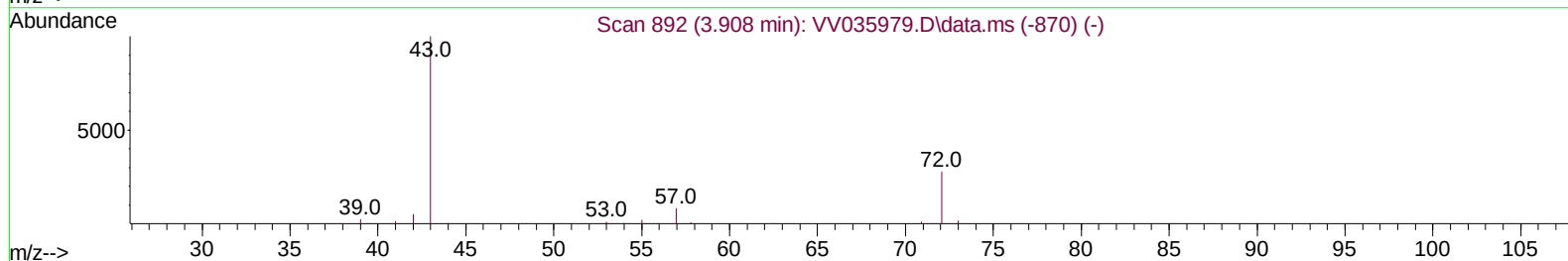
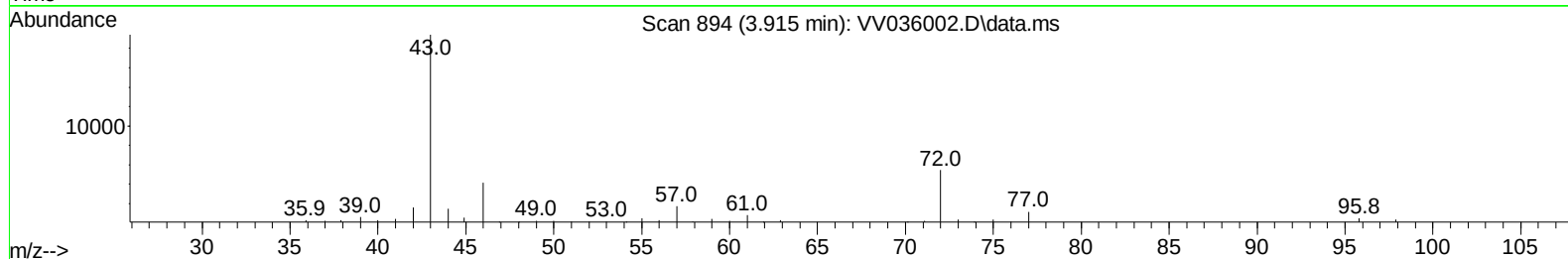
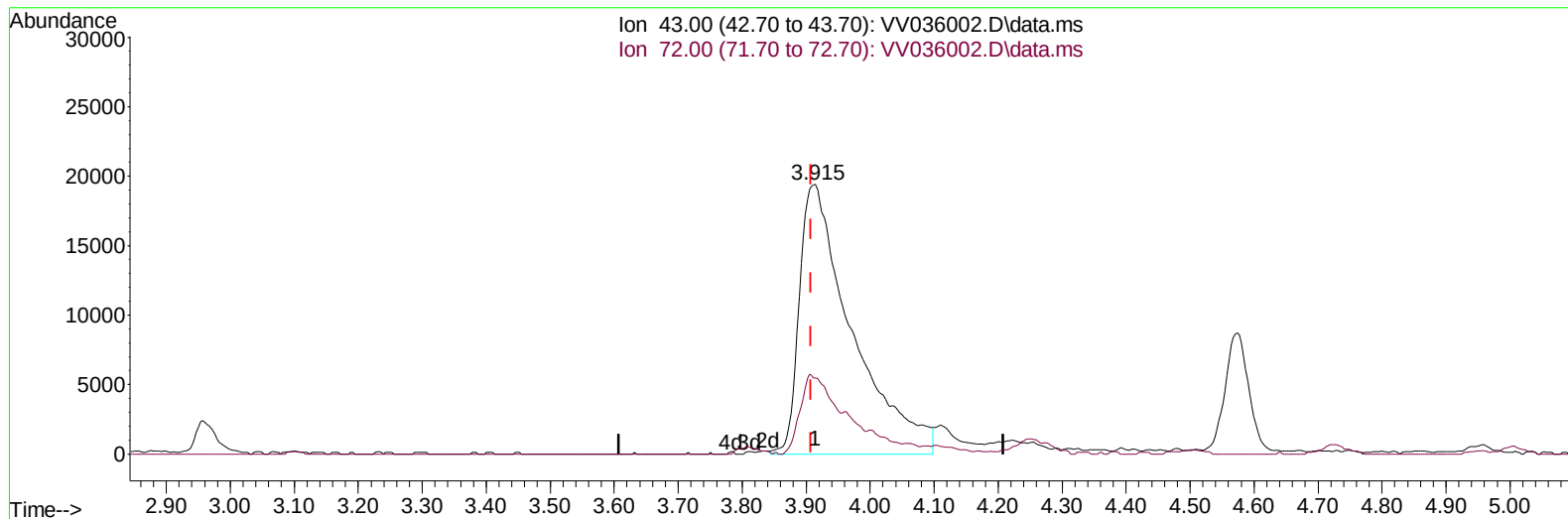
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Data File : VV036002.D
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Instrument :
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LabSampleId :
VSTDCCC025

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TIC: VV036002.D\data.ms

(22) 2-Butanone (T)

3.915min (+ 0.007) 47.47 ug/L m

response 110592

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	16.30	17.40
0.00	0.00	0.00
0.00	0.00	0.00

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTDCCC025

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	417827	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	409045	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	205079	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	152123	19.803	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	79.200%	
7) Chloroethane-d5	1.529	69	124969	20.403	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	81.600%	
11) 1,1-Dichloroethene-d2	2.050	65	67080	19.616	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	78.480%	
21) 2-Butanone-d5	3.844	46	76610m	43.467	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	86.940%	
24) Chloroform-d	4.240	84	269485	20.287	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	81.160%	
26) 1,2-Dichloroethane-d4	4.937	65	136124	19.545	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	78.160%	
32) Benzene-d6	4.953	84	524434	21.569	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	86.280%	
36) 1,2-Dichloropropane-d6	5.982	67	160762	20.996	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	84.000%	
41) Toluene-d8	7.236	98	464630	21.657	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	86.640%	
43) trans-1,3-Dichloroprop...	7.551	79	64710	20.611	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	82.440%	
47) 2-Hexanone-d5	8.030	63	47927	46.199	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	92.400%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	113123	19.771	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	79.080%	
66) 1,2-Dichlorobenzene-d4	11.558	152	156976	20.873	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	83.480%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	144191	19.139	ug/L	99
3) Chloromethane	1.211	50	186164	21.532	ug/L	98
5) Vinyl chloride	1.278	62	197024	21.646	ug/L	98
6) Bromomethane	1.484	94	117594	20.825	ug/L	99
8) Chloroethane	1.545	64	121658	21.503	ug/L	99
9) Trichlorofluoromethane	1.709	101	240833	21.306	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	150636	20.998	ug/L	99
12) 1,1-Dichloroethene	2.063	96	144024	21.526	ug/L	96
13) Acetone	2.150	43	131112m	47.757	ug/L	
14) Carbon disulfide	2.233	76	479934	20.656	ug/L	99
15) Methyl Acetate	2.384	43	70172	20.563	ug/L	98
16) Methylene chloride	2.439	84	173538	18.355	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	150372	21.157	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	334738	20.979	ug/L	99
19) 1,1-Dichloroethane	3.105	63	293954	21.718	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	151565	21.222	ug/L	96
22) 2-Butanone	3.915	43	110592m	47.474	ug/L	
23) Bromochloromethane	4.140	128	72681	20.289	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.269	83	292018	20.973	ug/L	98
27) 1,2-Dichloroethane	5.034	62	177205	20.386	ug/L	99
29) Cyclohexane	4.574	56	223089	22.906	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	247126	22.099	ug/L	99
31) Carbon tetrachloride	4.725	117	216581	22.077	ug/L	99
33) Benzene	5.002	78	609917	22.798	ug/L	100
34) Trichloroethene	5.825	95	182536	22.262	ug/L	99
35) Methylcyclohexane	6.043	83	250252	22.070	ug/L	99
37) 1,2-Dichloropropane	6.088	63	161647	23.011	ug/L	100
38) Bromodichloromethane	6.426	83	200737	21.590	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	227187	21.623	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	179933	47.145	ug/L	99
42) Toluene	7.310	91	638298	23.350	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	203034	22.372	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	122240	21.031	ug/L	99
46) Tetrachloroethene	7.902	164	126310	21.063	ug/L	99
48) 2-Hexanone	8.079	43	144159	48.315	ug/L	97
49) Dibromochloromethane	8.172	129	134298	21.112	ug/L	99
50) 1,2-Dibromoethane	8.278	107	117806	21.123	ug/L	100
51) Chlorobenzene	8.809	112	397741	21.354	ug/L	99
52) Ethylbenzene	8.944	91	666001	22.771	ug/L	100
53) m,p-Xylene	9.069	106	251600	22.894	ug/L	98
54) o-Xylene	9.474	106	231860	22.373	ug/L	99
55) Styrene	9.493	104	423884	23.194	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	109137	20.970	ug/L	99
59) Bromoform	9.664	173	86899	22.469	ug/L	99
60) Isopropylbenzene	9.863	105	643381	24.453	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	112161	23.125	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	441682	23.151	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	484253	23.558	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	307022	22.220	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	313218	21.962	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	282438	21.722	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	25669	23.667	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	214450	20.749	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	171744	21.104	ug/L	100
71) Naphthalene	13.435	128	293741	22.118	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	163017	21.952	ug/L	98

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

Manual IntegrationsAPPROVED

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