

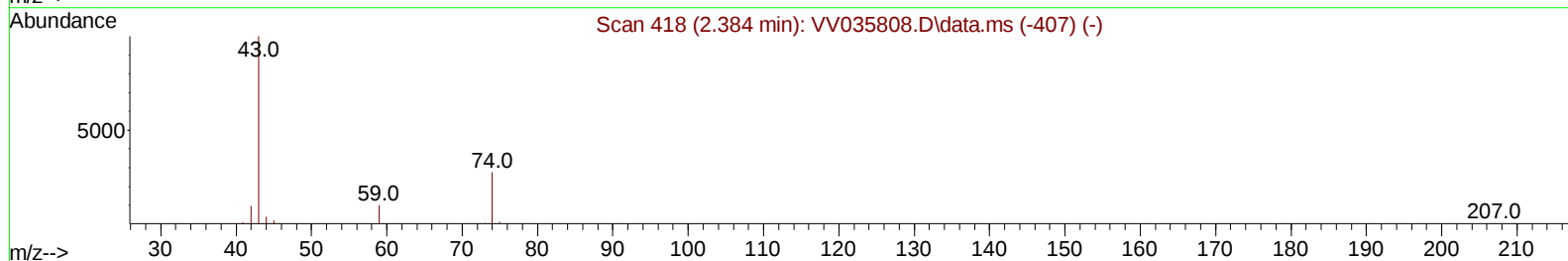
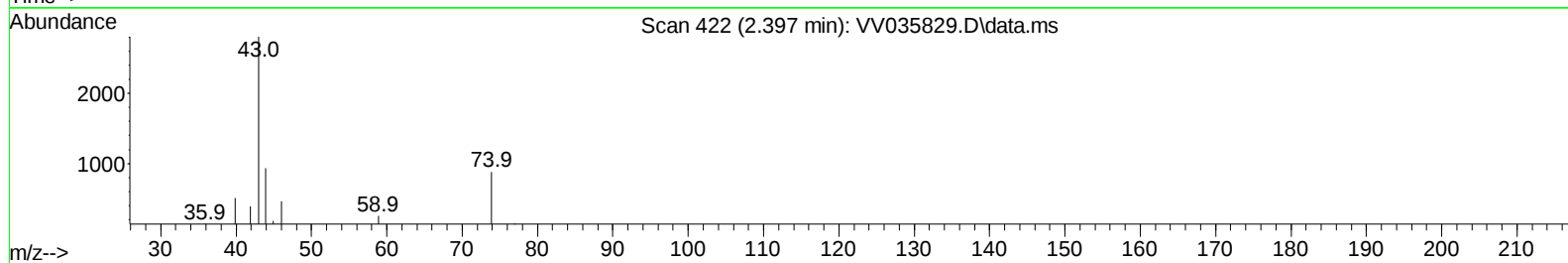
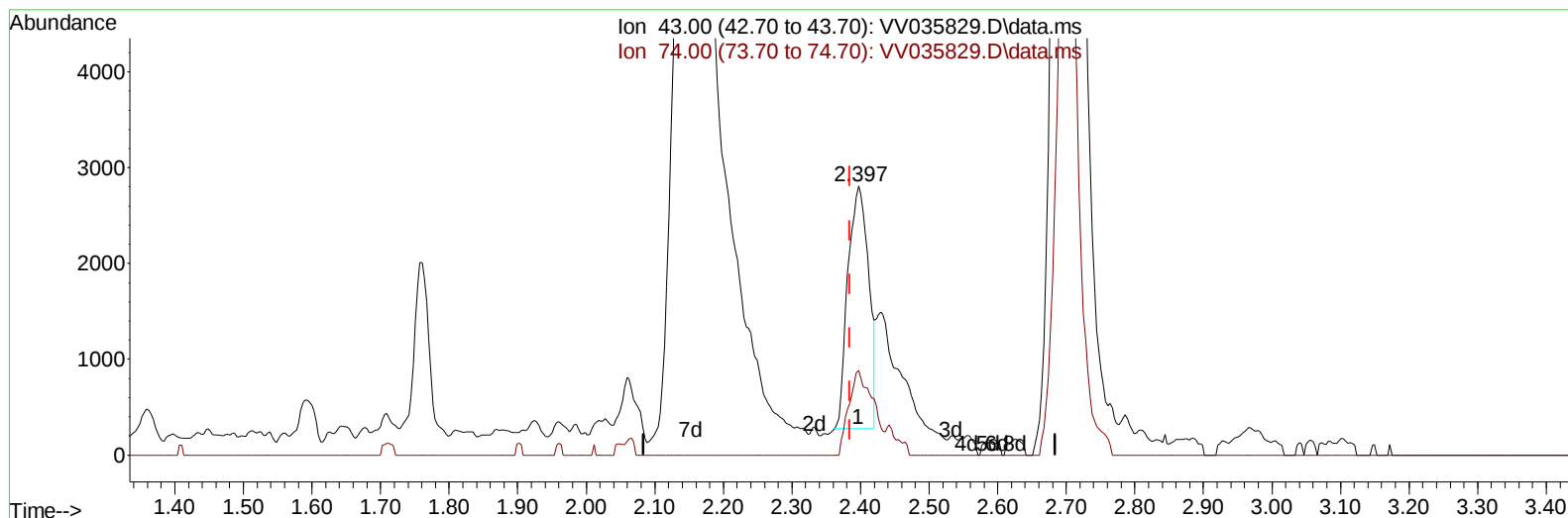
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
 Data File : VV035829.D
 Acq On : 26 May 2024 03:58
 Operator : SY/MD
 Sample : P2586-07MSD
 Misc : 5.66g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D18MSD

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

Quant Time: May 27 05:36:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 05:15:54 2024
 Response via : Initial Calibration



TIC: VV035829.D\data.ms

(15) Methyl Acetate (T)

2.397min (+ 0.013) 2.45 ug/L

response 5334

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	23.20	25.85
0.00	0.00	0.00
0.00	0.00	0.00

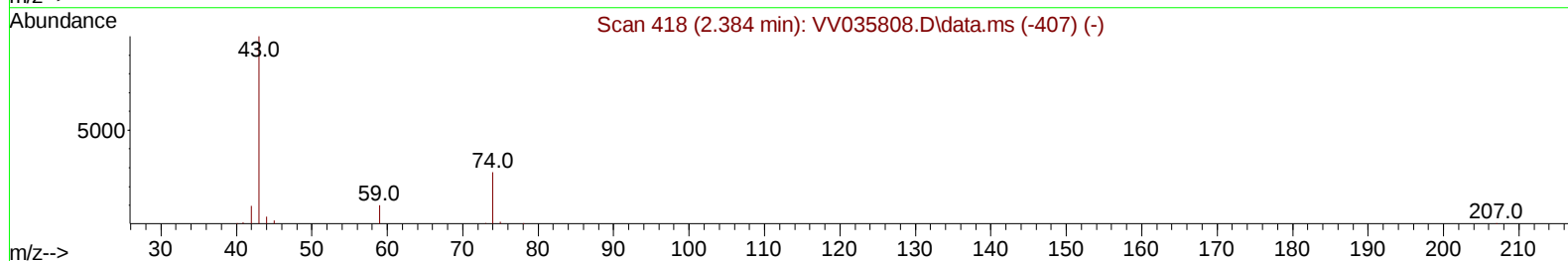
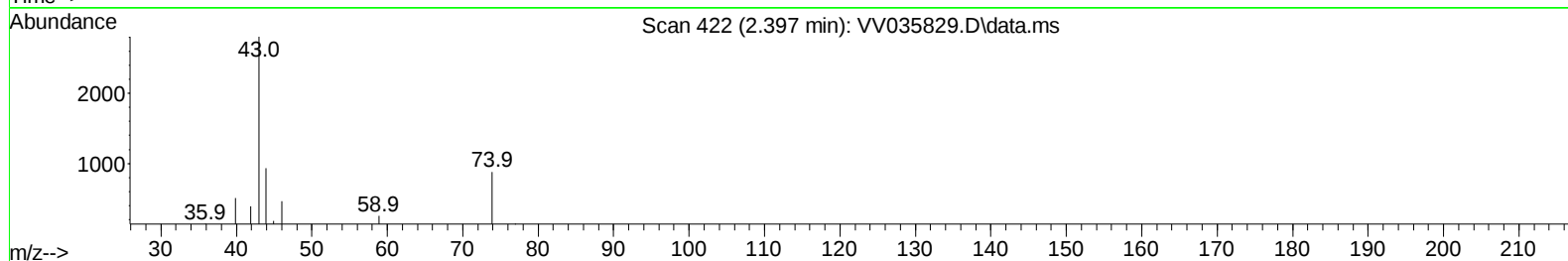
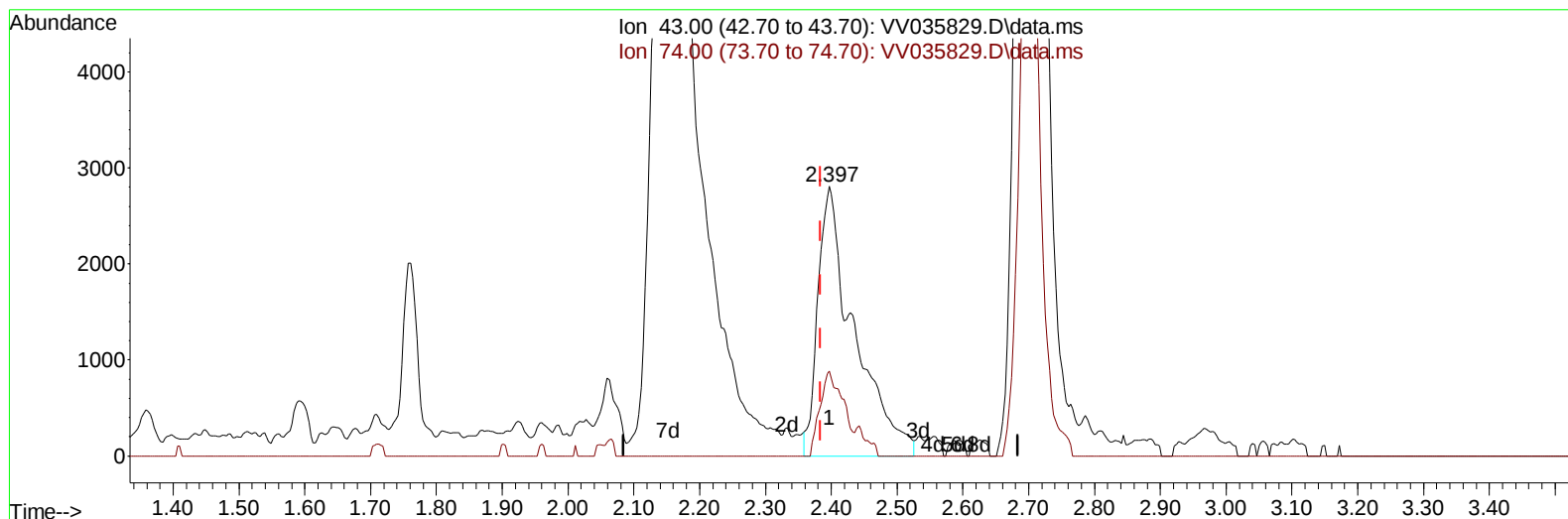
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Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024



TIC: VV035829.D\data.ms

(15) Methyl Acetate (T)

2.397min (+ 0.013) 4.92 ug/L m

response 10698

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	23.20	12.89#
0.00	0.00	0.00
0.00	0.00	0.00

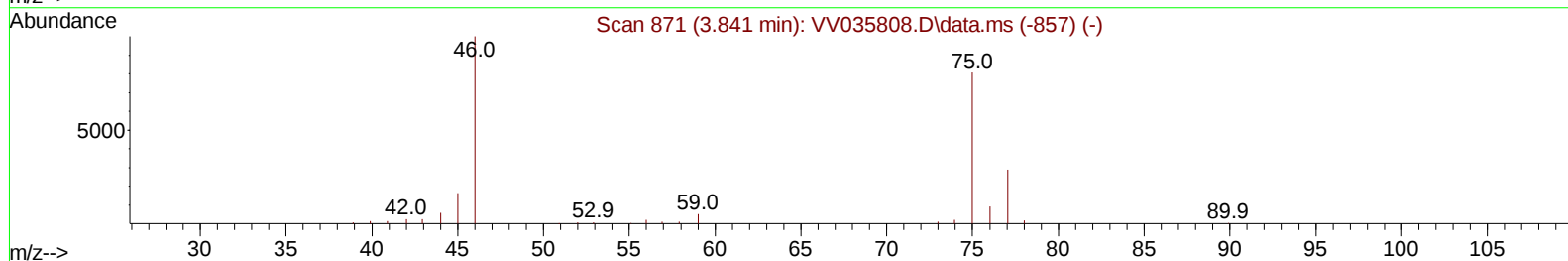
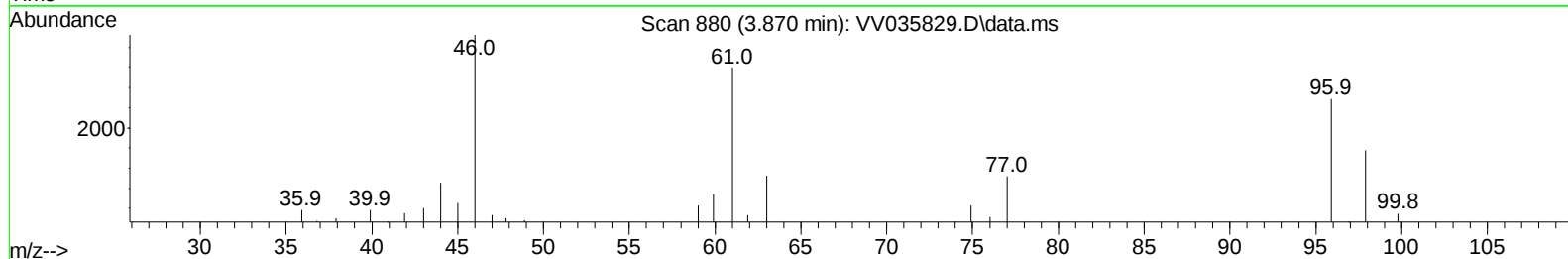
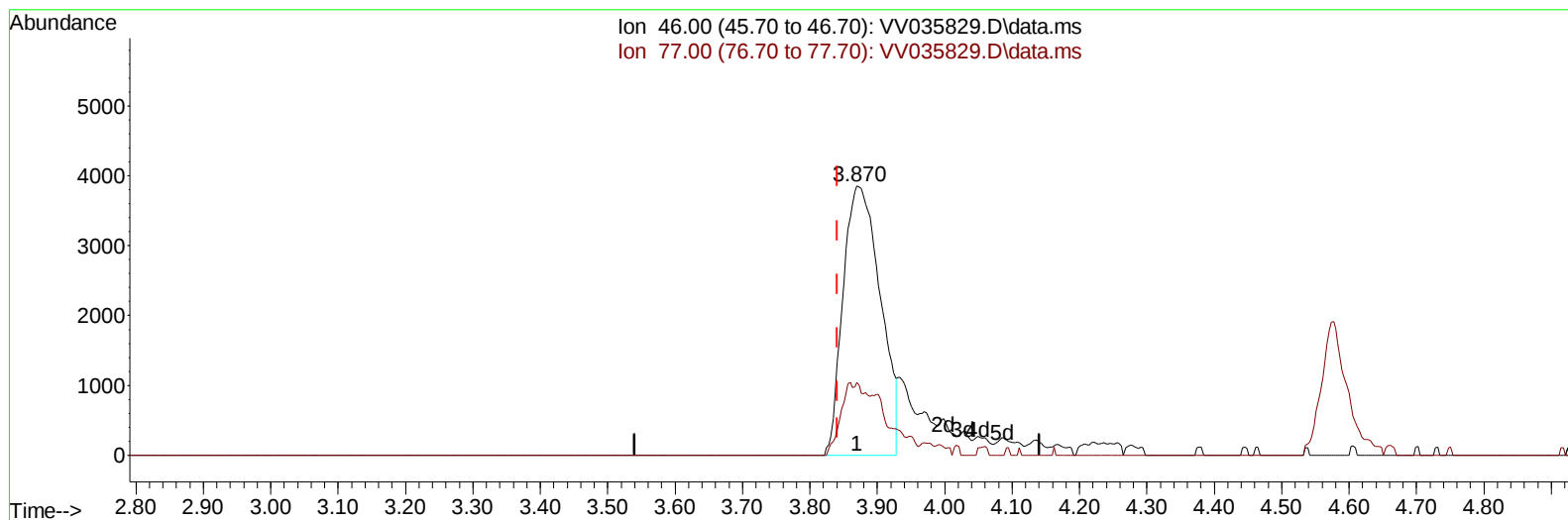
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
Data File : VV035829.D
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ClientSampleId :
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TIC: VV035829.D\data.ms

(21) 2-Butanone-d5 (S)

3.870min (+ 0.029) 15.05 ug/L

response 14747

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	9.05#
0.00	0.00	0.00
0.00	0.00	0.00

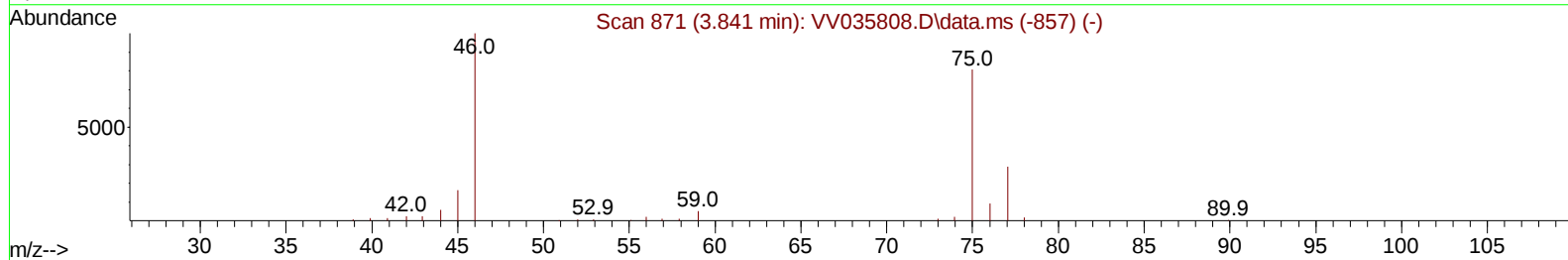
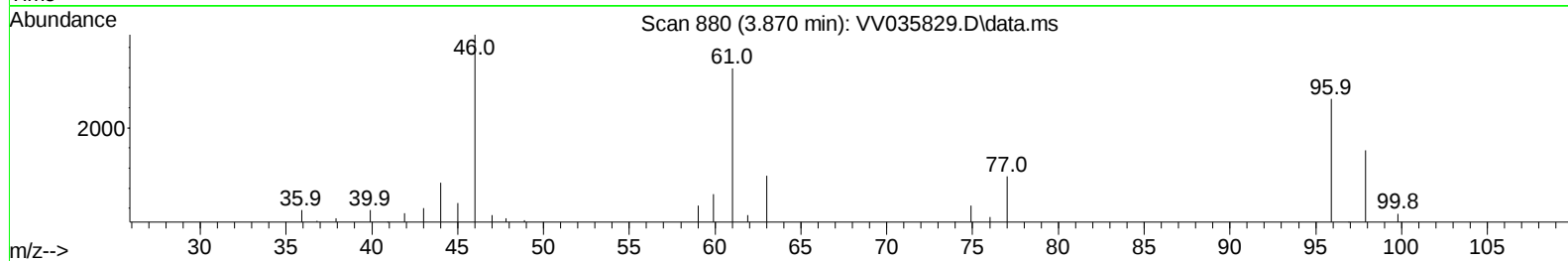
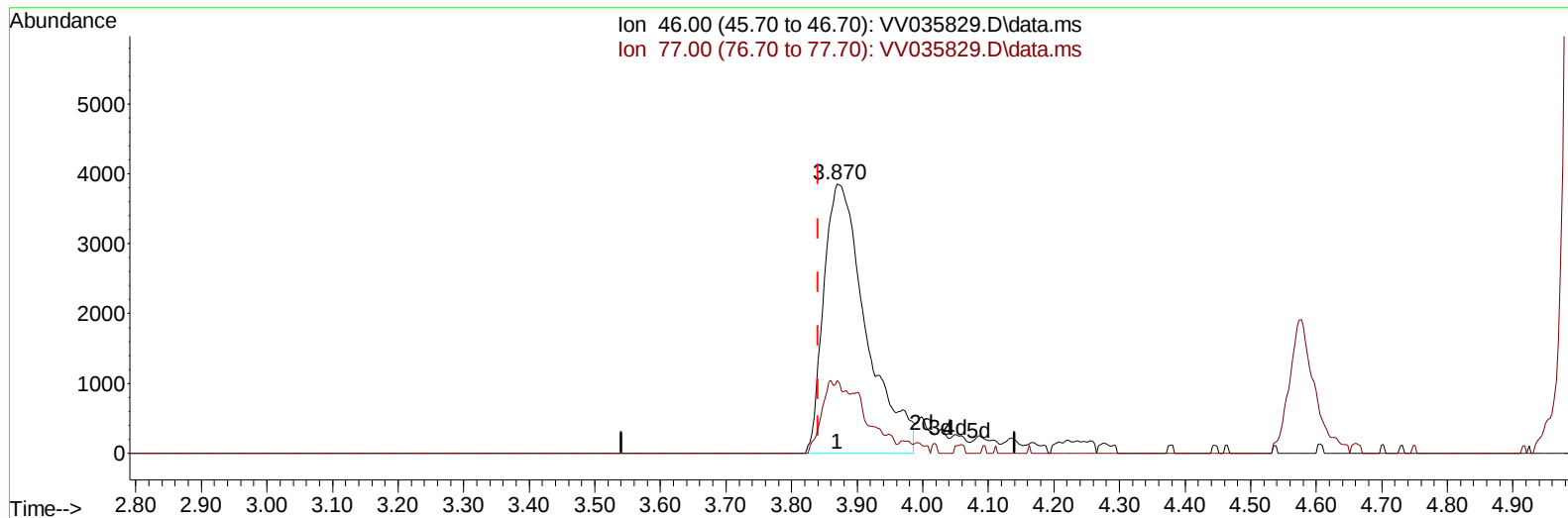
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TIC: VV035829.D\data.ms

(21) 2-Butanone-d5 (S)

3.870min (+ 0.029) 17.59 ug/L m

response 17232

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	7.75#
0.00	0.00	0.00
0.00	0.00	0.00

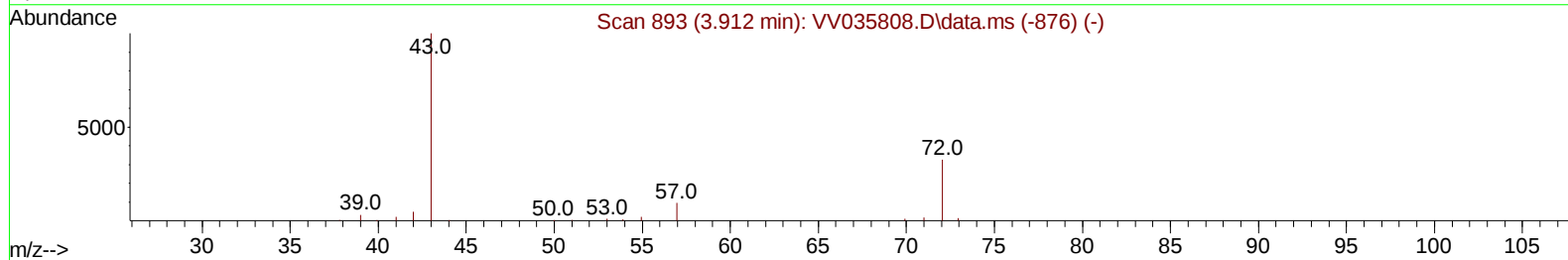
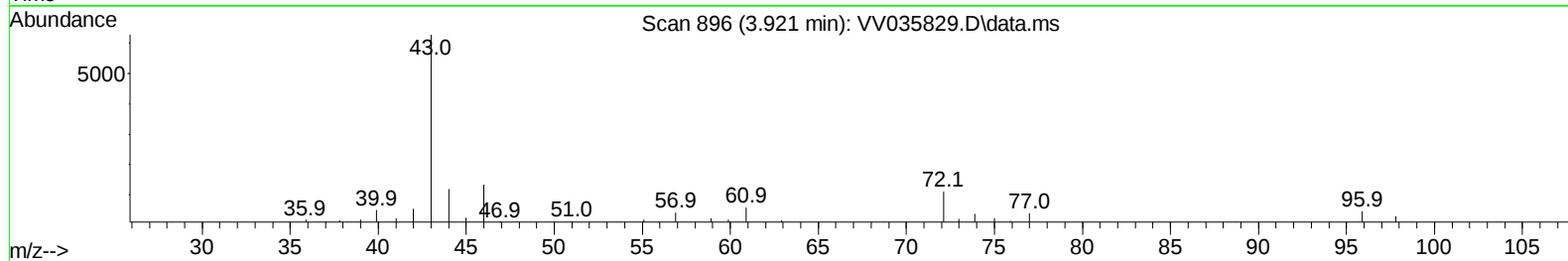
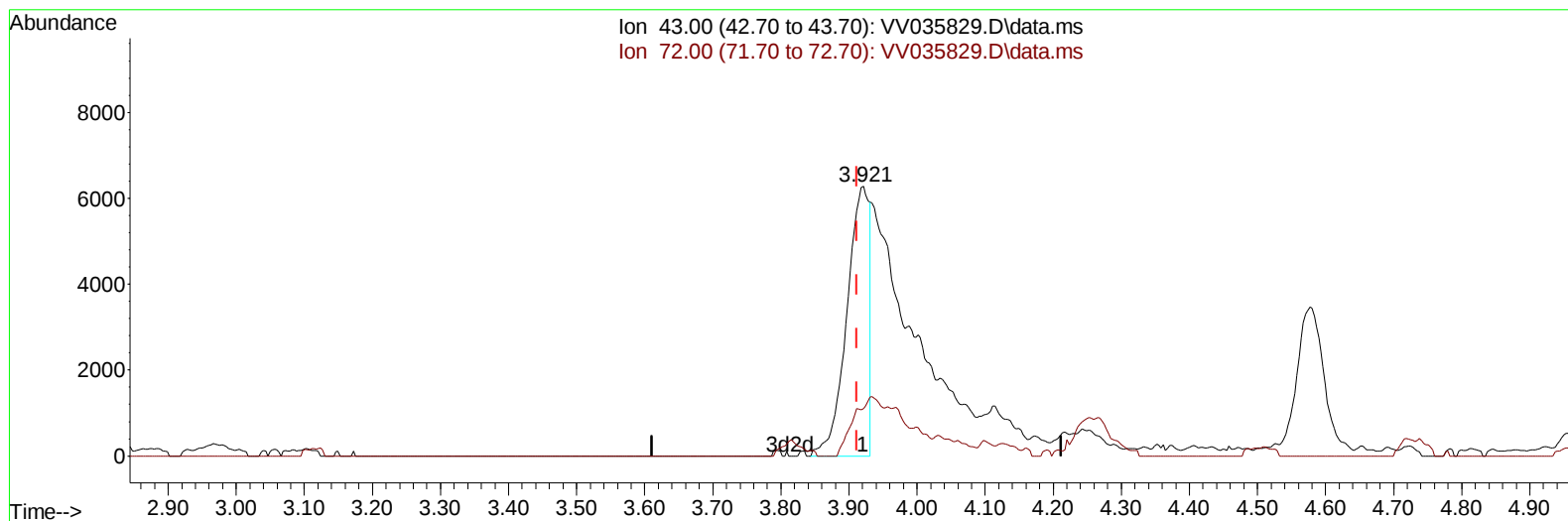
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
Data File : VV035829.D
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ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D18MSD

Manual IntegrationsAPPROVED

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Response via : Initial Calibration



TIC: VV035829.D\data.ms

(22) 2-Butanone (T)

3.921min (+ 0.010) 10.88 ug/L

response 14494

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	24.60	10.02#
0.00	0.00	0.00
0.00	0.00	0.00

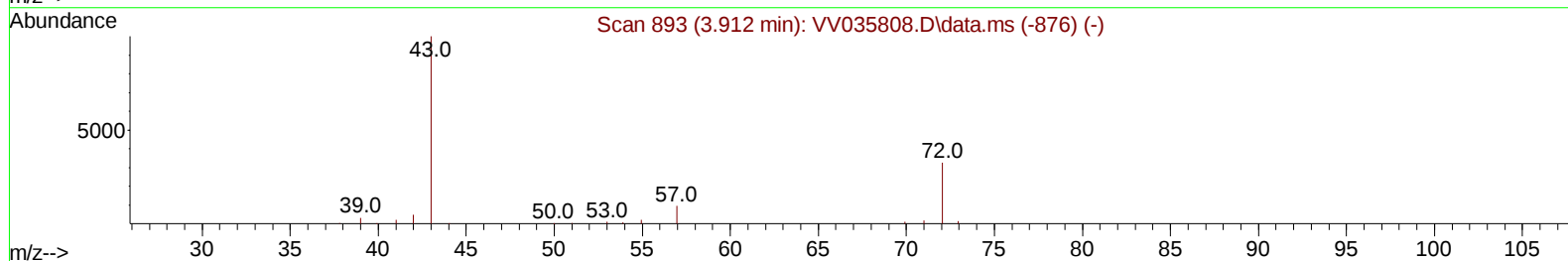
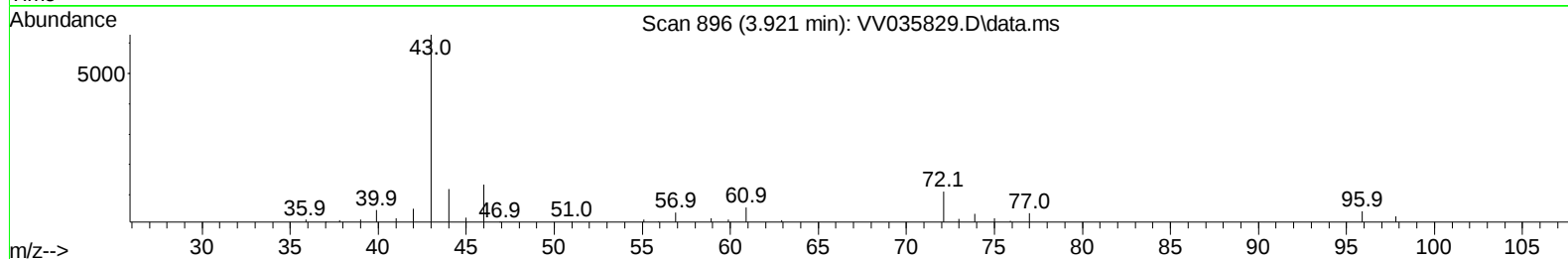
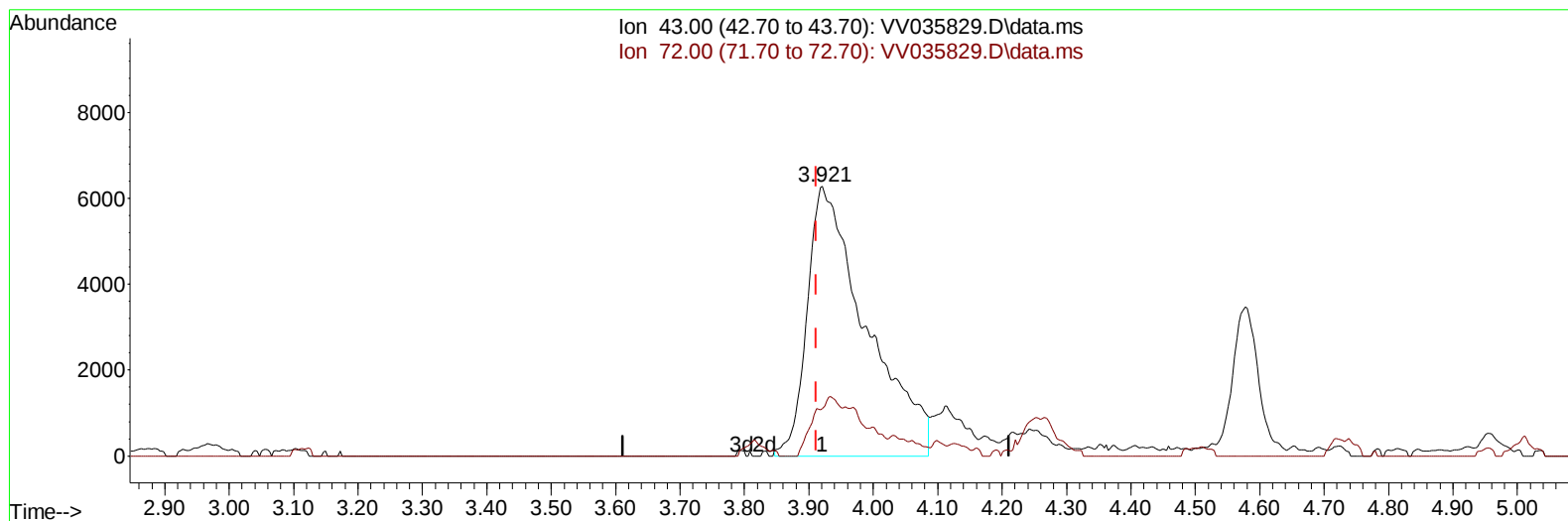
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 Data File : VV035829.D
 Acq On : 26 May 2024 03:58
 Operator : SY/MD
 Sample : P2586-07MSD
 Misc : 5.66g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D18MSD

Manual IntegrationsAPPROVED

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Reviewed By :Semsettin Yesilyurt 05/28/2024
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TIC: VV035829.D\data.ms

(22) 2-Butanone (T)

3.921min (+ 0.010) 29.91 ug/L m

response 39841

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	24.60	3.64#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052524\
 Data File : VW035829.D
 Acq On : 26 May 2024 03:58
 Operator : SY/MD
 Sample : P2586-07MSD
 Misc : 5.66g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 A4D18MSD

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	223360	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	128164	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	29399	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	161651	46.824	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 187.280%#		
7) Chloroethane-d5	1.529	69	128326	46.076	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 184.320%#		
11) 1,1-Dichloroethene-d2	2.053	65	59327	38.817	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	= 155.280%#		
21) 2-Butanone-d5	3.870	46	17232m	17.588	ug/L	0.03
Spiked Amount 50.000	Range 20	- 135	Recovery	= 35.180%		
24) Chloroform-d	4.246	84	233182	35.116	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	= 140.480%		
26) 1,2-Dichloroethane-d4	4.940	65	114690	34.937	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	= 139.760%#		
32) Benzene-d6	4.956	84	419975	59.863	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	= 239.440%#		
36) 1,2-Dichloropropane-d6	5.985	67	131067	60.537	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	= 242.160%#		
41) Toluene-d8	7.243	98	263485	42.199	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	= 168.800%#		
43) trans-1,3-Dichloroprop...	7.561	79	13703	14.799	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	= 59.200%		
47) 2-Hexanone-d5	8.059	63	2720	6.987	ug/L	0.03
Spiked Amount 50.000	Range 20	- 135	Recovery	= 13.980%#		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	58684	28.128	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	= 112.520%		
66) 1,2-Dichlorobenzene-d4	11.561	152	27567	27.019	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	= 108.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	140324	30.901	ug/L	99
3) Chloromethane	1.211	50	77714	17.045	ug/L	99
5) Vinyl chloride	1.278	62	146420	31.085	ug/L	99
6) Bromomethane	1.484	94	23774	7.971	ug/L	100
8) Chloroethane	1.545	64	96318	33.172	ug/L	98
9) Trichlorofluoromethane	1.709	101	199444	32.440	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	120159	30.976	ug/L	99
12) 1,1-Dichloroethene	2.063	96	108028	30.832	ug/L #	85
13) Acetone	2.153	43	35069	24.452	ug/L #	37
14) Carbon disulfide	2.236	76	189318	17.059	ug/L	100
15) Methyl Acetate	2.397	43	10698m	4.923	ug/L	
16) Methylene chloride	2.442	84	137037	26.606	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	100704	25.890	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	312219	33.276	ug/L	98
19) 1,1-Dichloroethane	3.108	63	247479	33.937	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	108366	25.699	ug/L	99
22) 2-Butanone	3.921	43	39841m	29.914	ug/L	
23) Bromochloromethane	4.146	128	59031	28.944	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.272	83	243680	32.361	ug/L	99
27) 1,2-Dichloroethane	5.040	62	140235	29.907	ug/L	98
29) Cyclohexane	4.577	56	94009	30.673	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	195202	54.930	ug/L	99
31) Carbon tetrachloride	4.731	117	153141	49.115	ug/L	97
33) Benzene	5.008	78	420724	49.600	ug/L	100
34) Trichloroethene	5.831	95	95403	39.762	ug/L	99
35) Methylcyclohexane	6.046	83	79012	21.690	ug/L	93
37) 1,2-Dichloropropane	6.088	63	122182	55.210	ug/L	100
38) Bromodichloromethane	6.429	83	141780	47.292	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	35451	10.242	ug/L	93
40) 4-Methyl-2-pentanone	7.165	43	48110	36.299	ug/L	93
42) Toluene	7.313	91	314559	35.042	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	35737	11.802	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	86155	45.818	ug/L	99
46) Tetrachloroethene	7.905	164	54500	27.959	ug/L	97
48) 2-Hexanone	8.098	43	12166	12.242	ug/L #	72
49) Dibromochloromethane	8.175	129	76388	36.002	ug/L	99
50) 1,2-Dibromoethane	8.284	107	46613	25.163	ug/L	98
51) Chlorobenzene	8.815	112	145857	23.417	ug/L	98
52) Ethylbenzene	8.947	91	224049	22.606	ug/L	99
53) m,p-Xylene	9.072	106	79107	21.038	ug/L	98
54) o-Xylene	9.477	106	75899	21.297	ug/L	98
55) Styrene	9.496	104	71068	11.433	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	61425	26.817	ug/L	96
59) Bromoform	9.664	173	34400	59.541	ug/L #	96
60) Isopropylbenzene	9.866	105	184136	47.020	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	59626	86.551	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	99361	32.343	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	85963	27.229	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	52483	25.537	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	51570	24.239	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	48243	24.937	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	7785	48.725	ug/L	89
69) 1,3,5-Trichlorobenzene	12.583	180	20196	12.575	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	10987	8.193	ug/L	94
71) Naphthalene	13.445	128	22590	9.595	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	8570	7.104	ug/L	100

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

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