

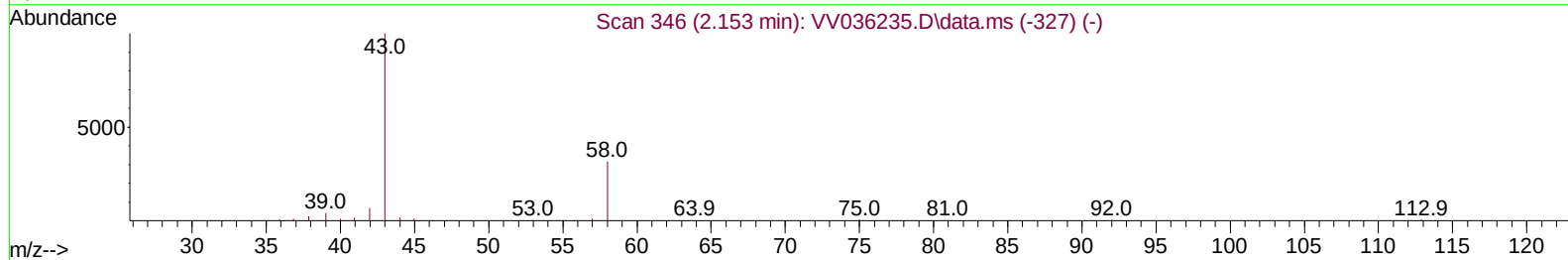
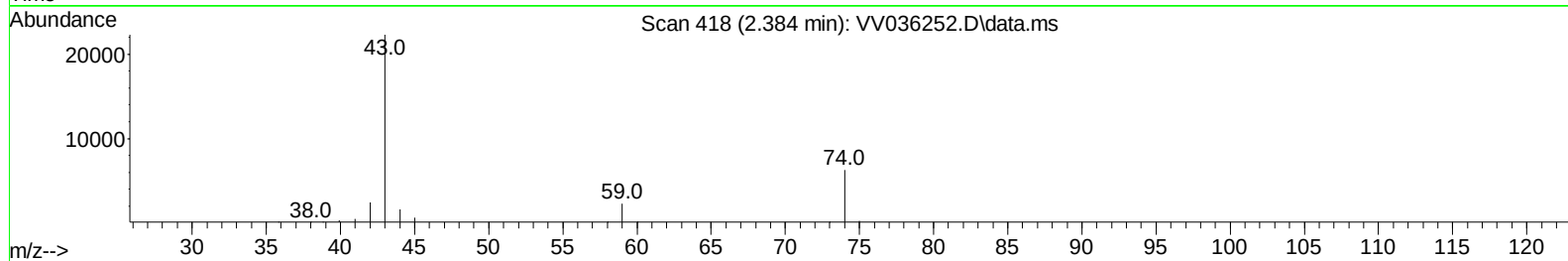
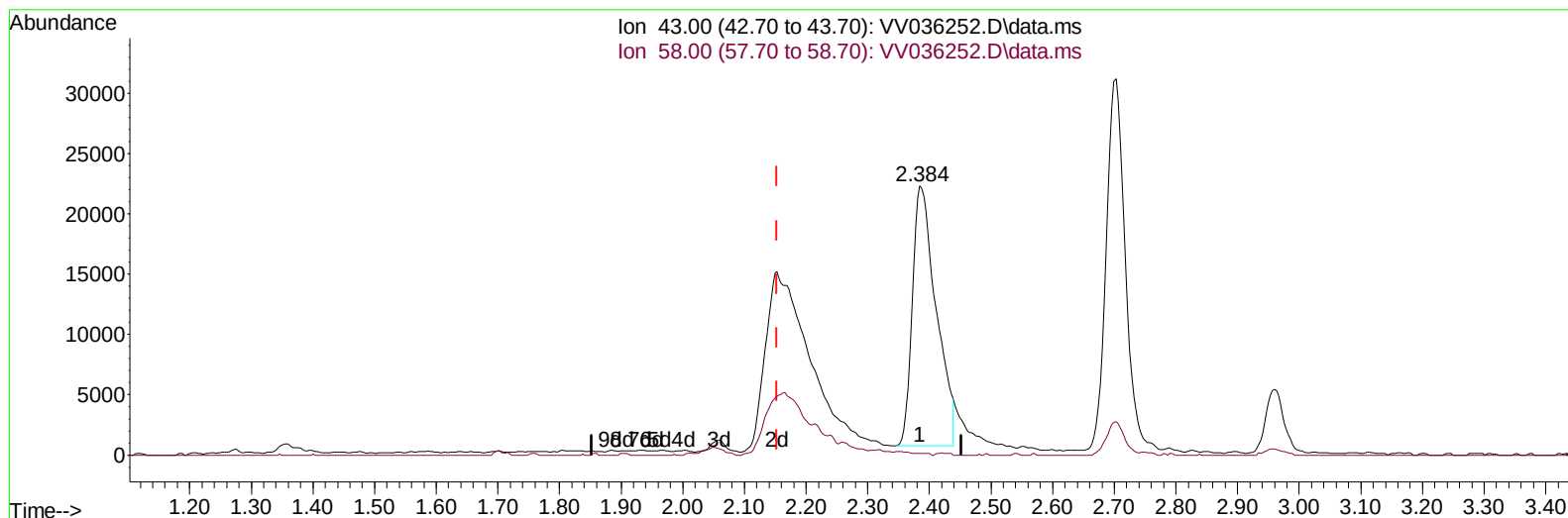
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
Data File : VV036252.D
Acq On : 24 Jun 2024 17:33
Operator : SY/MD
Sample : P2987-18 REMSD
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA5REMSD

Manual IntegrationsAPPROVED

Quant Time: Jun 25 05:00:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 04:55:15 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



TIC: VV036252.D\data.ms

(13) Acetone (T)

2.384min (+ 0.231) 17.16 ug/L

response 57928

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	12.10	0.19
0.00	0.00	0.00
0.00	0.00	0.00

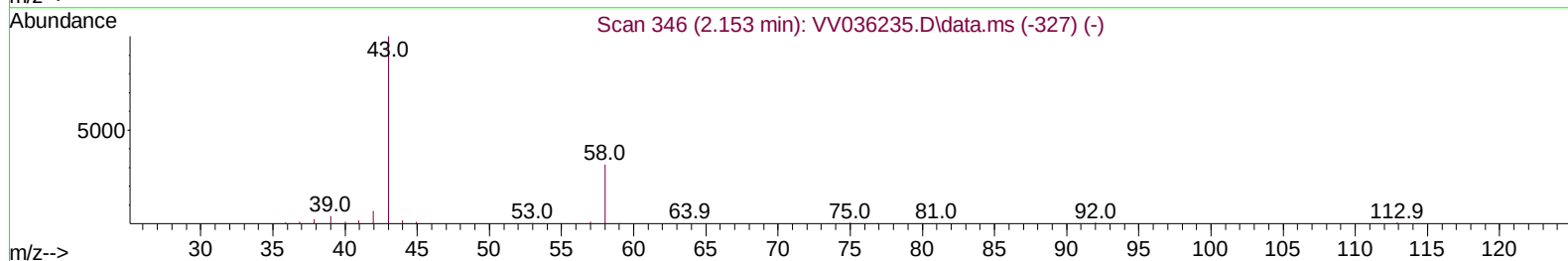
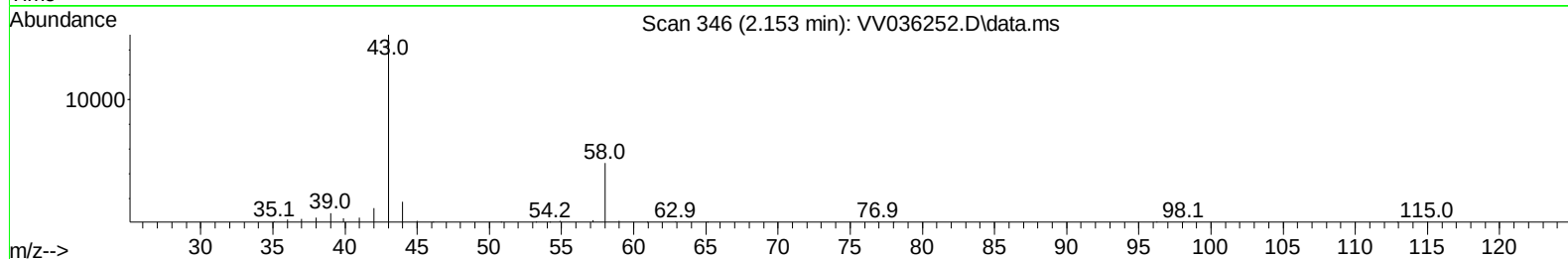
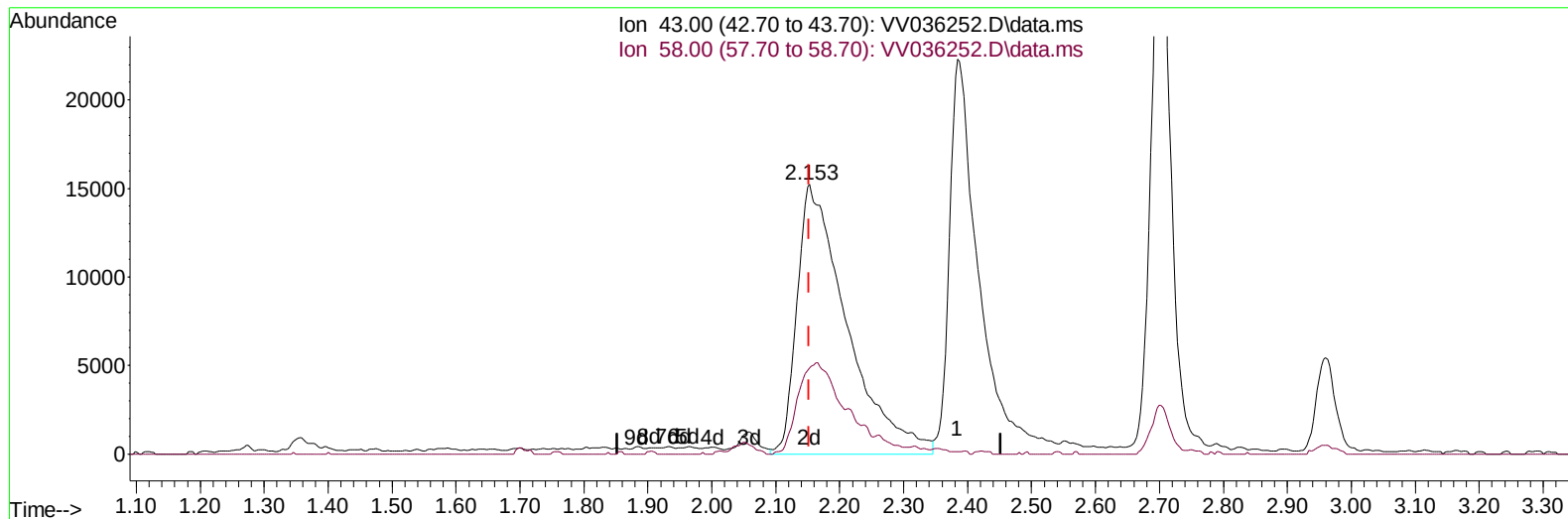
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TIC: VV036252.D\data.ms

(13) Acetone (T)

2.153min (-0.000) 24.34 ug/L m

response 82143

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

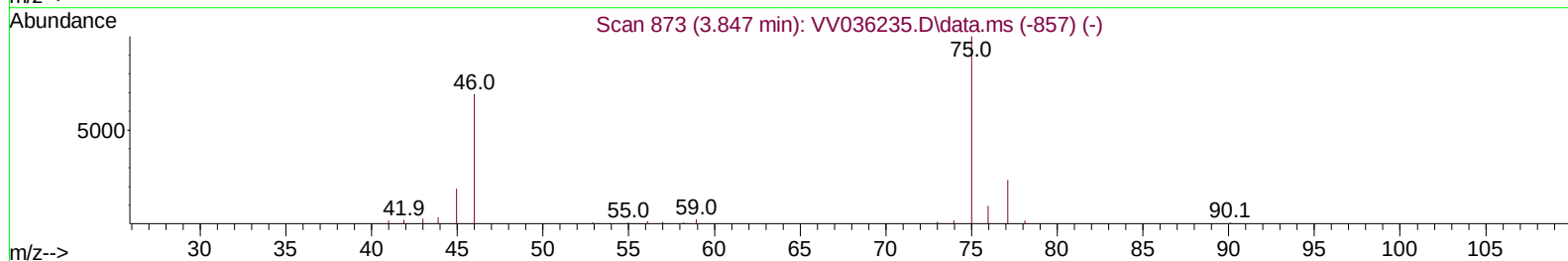
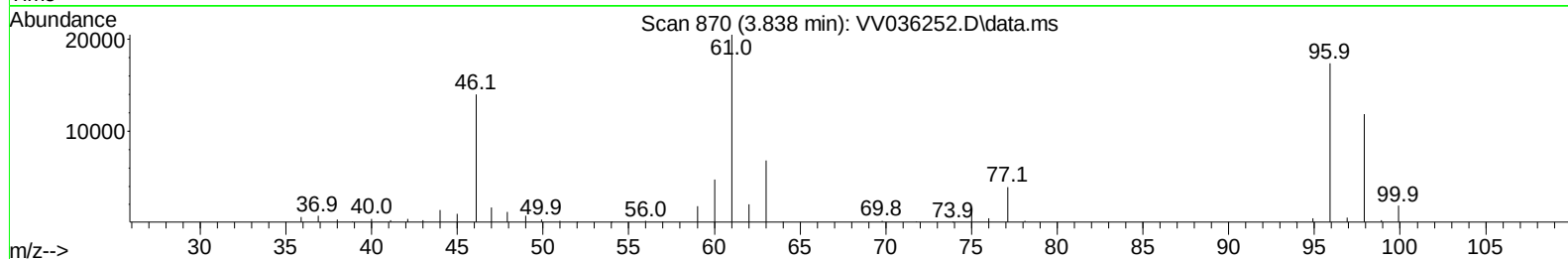
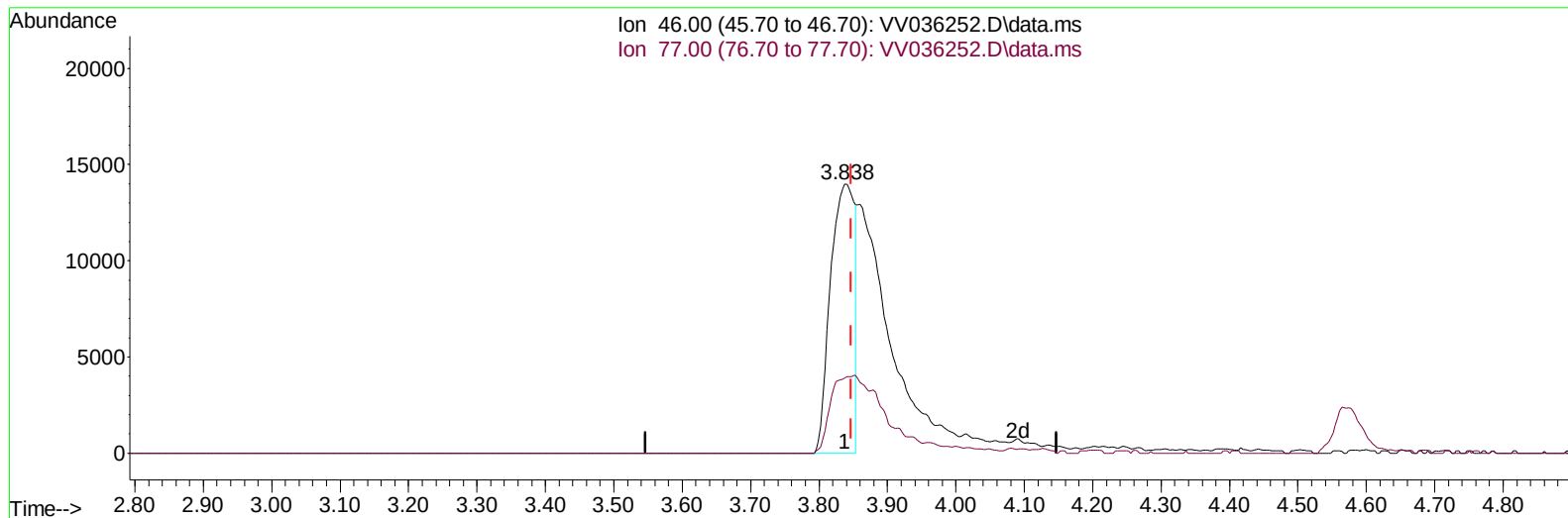
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
Data File : VV036252.D
Acq On : 24 Jun 2024 17:33
Operator : SY/MD
Sample : P2987-18 REMSD
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA5REMSD

Manual IntegrationsAPPROVED

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TIC: VV036252.D\data.ms

(21) 2-Butanone-d5 (S)

3.838min (-0.010) 15.84 ug/L

response 34323

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.90	0.15#
0.00	0.00	0.00
0.00	0.00	0.00

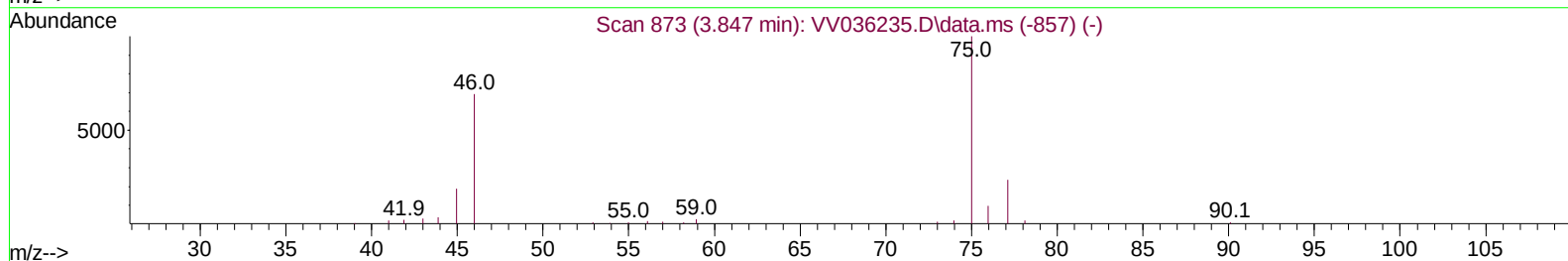
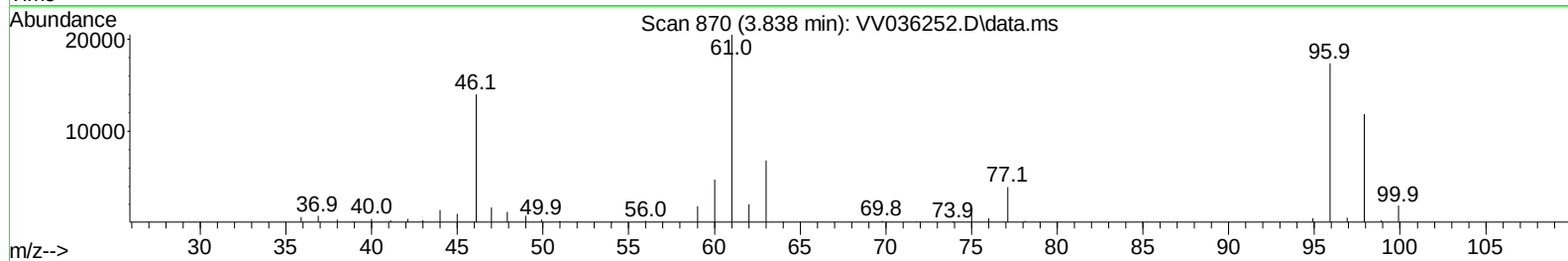
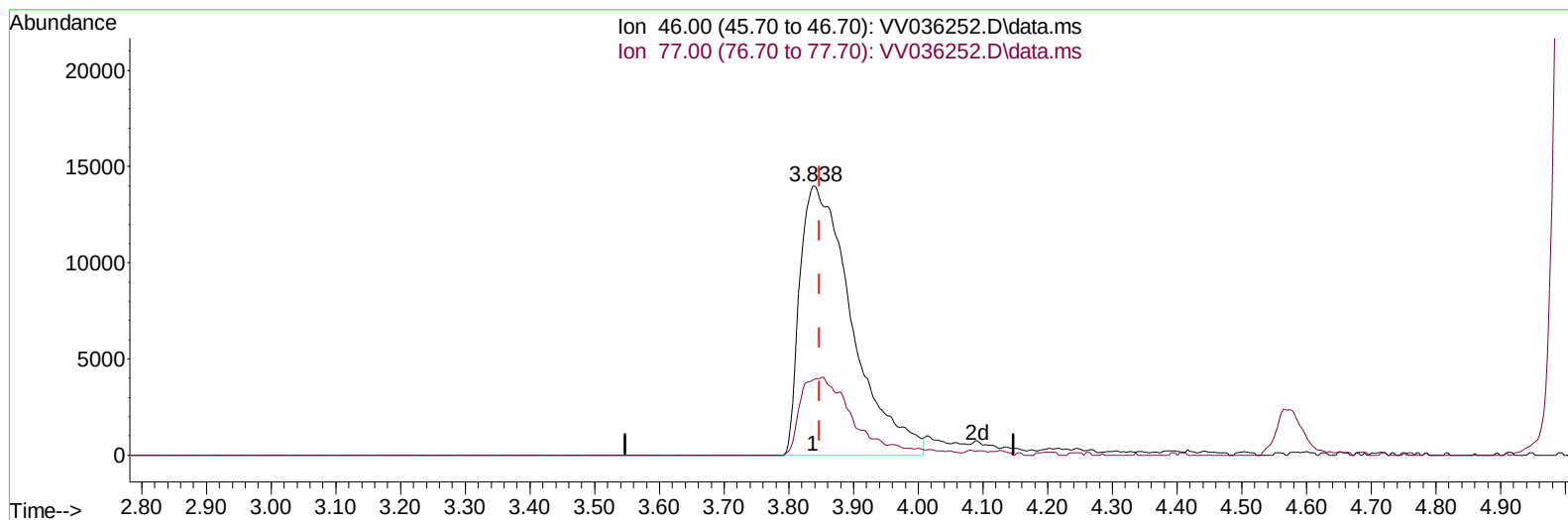
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
Data File : VV036252.D
Acq On : 24 Jun 2024 17:33
Operator : SY/MD
Sample : P2987-18 REMSD
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA5REMSD

Manual IntegrationsAPPROVED

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TIC: VV036252.D\data.ms

(21) 2-Butanone-d5 (S)

3.838min (-0.010) 36.13 ug/L m

response 78286

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.90	0.06#
0.00	0.00	0.00
0.00	0.00	0.00

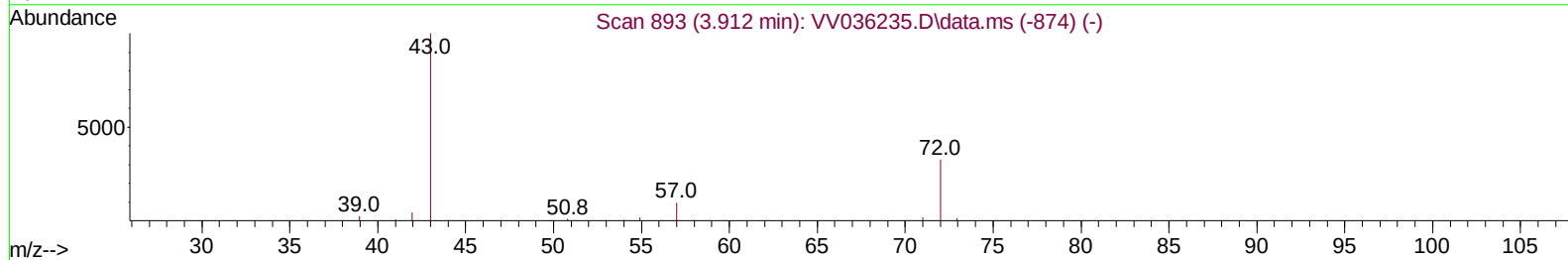
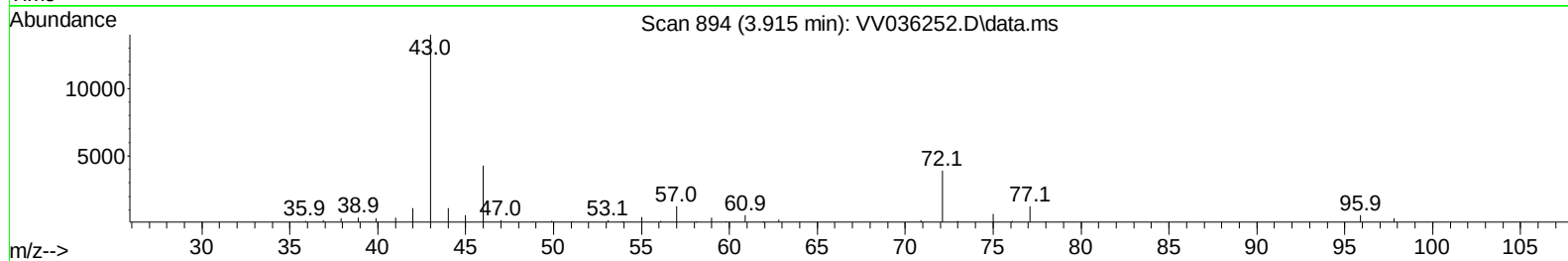
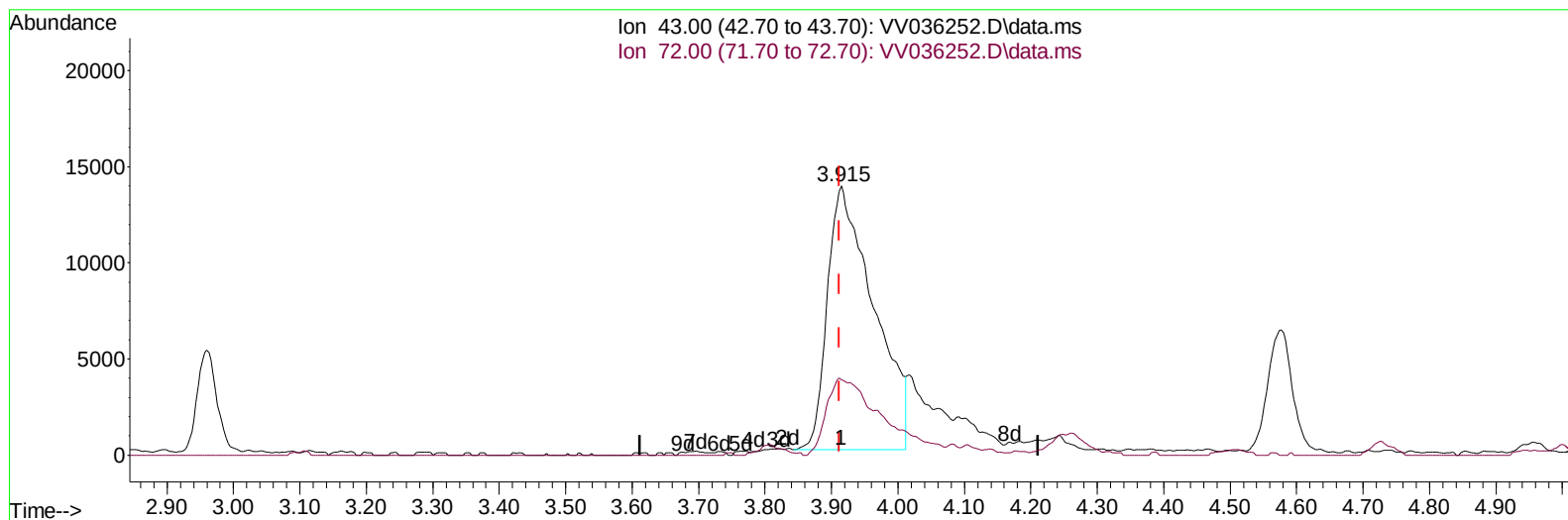
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
 Data File : VV036252.D
 Acq On : 24 Jun 2024 17:33
 Operator : SY/MD
 Sample : P2987-18 REMSD
 Misc : 4.99g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0TA5REMSD

Manual IntegrationsAPPROVED

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TIC: VV036252.D\data.ms

(22) 2-Butanone (T)

3.915min (+ 0.003) 23.22 ug/L

response 66492

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	16.30	23.72
0.00	0.00	0.00
0.00	0.00	0.00

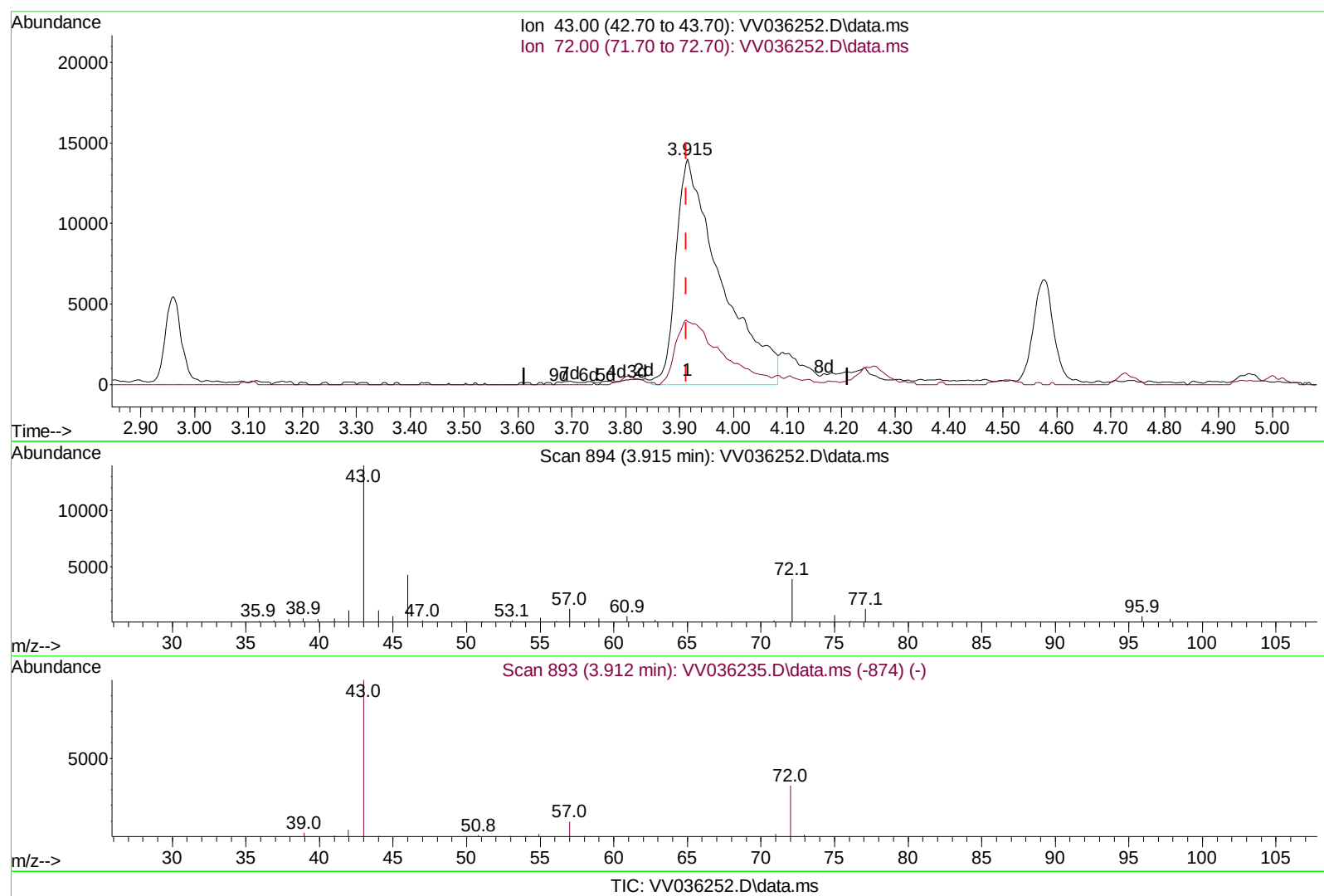
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Data File : VV036252.D
Acq On : 24 Jun 2024 17:33
Operator : SY/MD
Sample : P2987-18 REMSD
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0TA5REMSD

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024

Quant Time: Jun 25 05:00:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 04:55:15 2024
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(22) 2-Butanone (T)

3.915min (+ 0.003) 28.26 ug/L m

response 80937

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	16.30	19.48
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062424\
 Data File : VW036252.D
 Acq On : 24 Jun 2024 17:33
 Operator : SY/MD
 Sample : P2987-18 REMSD
 Misc : 4.99g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	513716	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	544130	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	299906	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	134429	14.233	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery =	56.920%		
7) Chloroethane-d5	1.526	69	120428	15.991	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery =	63.960%		
11) 1,1-Dichloroethene-d2	2.050	65	64421	15.322	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery =	61.280%		
21) 2-Butanone-d5	3.838	46	78286m	36.127	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery =	72.260%		
24) Chloroform-d	4.243	84	293452	17.968	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery =	71.880%		
26) 1,2-Dichloroethane-d4	4.937	65	167505	19.561	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery =	78.240%		
32) Benzene-d6	4.953	84	553469	17.112	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery =	68.440%		
36) 1,2-Dichloropropane-d6	5.985	67	177654	17.442	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery =	69.760%#		
41) Toluene-d8	7.239	98	507138	17.770	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery =	71.080%		
43) trans-1,3-Dichloroprop...	7.551	79	78835	18.877	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery =	75.520%		
47) 2-Hexanone-d5	8.030	63	55635	40.315	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery =	80.640%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	151688	19.929	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery =	79.720%		
66) 1,2-Dichlorobenzene-d4	11.558	152	193309	17.577	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery =	70.320%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	119663	12.919	ug/L	100
3) Chloromethane	1.211	50	138075	12.989	ug/L	99
5) Vinyl chloride	1.275	62	160410	14.334	ug/L	100
6) Bromomethane	1.481	94	113056	16.284	ug/L	100
8) Chloroethane	1.542	64	107120	15.399	ug/L	98
9) Trichlorofluoromethane	1.706	101	225124	16.198	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	144582	16.392	ug/L	98
12) 1,1-Dichloroethene	2.059	96	133291	16.203	ug/L	98
13) Acetone	2.153	43	82143m	24.335	ug/L	
14) Carbon disulfide	2.230	76	408252	14.291	ug/L	100
15) Methyl Acetate	2.384	43	62715	14.948	ug/L	95
16) Methylene chloride	2.439	84	180069	15.491	ug/L	97
17) trans-1,2-Dichloroethene	2.686	96	136394	15.608	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	358545	18.276	ug/L	99
19) 1,1-Dichloroethane	3.104	63	270333	16.244	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	149643	17.042	ug/L	97
22) 2-Butanone	3.915	43	80937m	28.258	ug/L	
23) Bromochloromethane	4.140	128	77977	17.704	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.268	83	293558	17.148	ug/L	99
27) 1,2-Dichloroethane	5.037	62	193545	18.109	ug/L	99
29) Cyclohexane	4.577	56	173780	13.414	ug/L	97
30) 1,1,1-Trichloroethane	4.503	97	224463	15.089	ug/L	99
31) Carbon tetrachloride	4.728	117	192977	14.787	ug/L	99
33) Benzene	5.005	78	580705	16.318	ug/L	100
34) Trichloroethene	5.828	95	169454	15.536	ug/L	100
35) Methylcyclohexane	6.046	83	218185	14.465	ug/L	98
37) 1,2-Dichloropropane	6.088	63	159590	17.078	ug/L	99
38) Bromodichloromethane	6.429	83	212191	17.156	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	239158	17.111	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	168480	33.185	ug/L	97
42) Toluene	7.310	91	618816	17.017	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	214004	17.727	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	134691	17.420	ug/L	99
46) Tetrachloroethene	7.902	164	116668	14.625	ug/L	98
48) 2-Hexanone	8.079	43	123962	31.232	ug/L	96
49) Dibromochloromethane	8.172	129	147369	17.415	ug/L	99
50) 1,2-Dibromoethane	8.281	107	130390	17.575	ug/L	98
51) Chlorobenzene	8.812	112	414759	16.740	ug/L	98
52) Ethylbenzene	8.943	91	641896	16.499	ug/L	100
53) m,p-Xylene	9.072	106	244453	16.722	ug/L	100
54) o-Xylene	9.477	106	235340	17.071	ug/L	96
55) Styrene	9.493	104	445025	18.305	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	126475	18.268	ug/L	100
59) Bromoform	9.664	173	97125	17.173	ug/L	98
60) Isopropylbenzene	9.866	105	615111	15.987	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	117473	16.562	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	444427	15.929	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	511439	17.014	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	328572	16.261	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	347387	16.656	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	322239	16.947	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	26820	16.909	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	232144	15.359	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	191253	16.071	ug/L	99
71) Naphthalene	13.435	128	408801	21.049	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	184293	16.970	ug/L	99

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

