

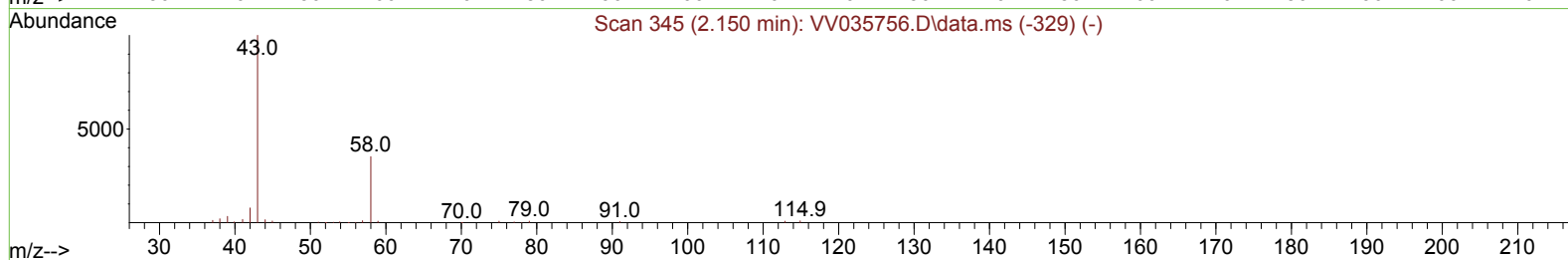
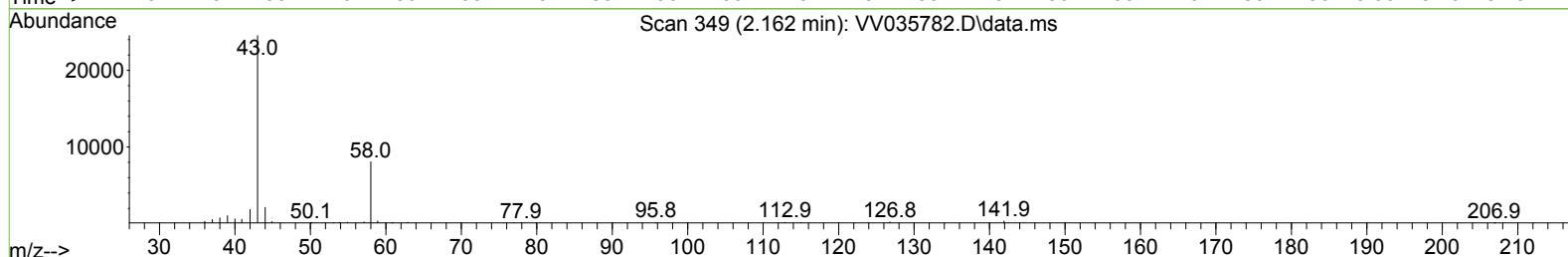
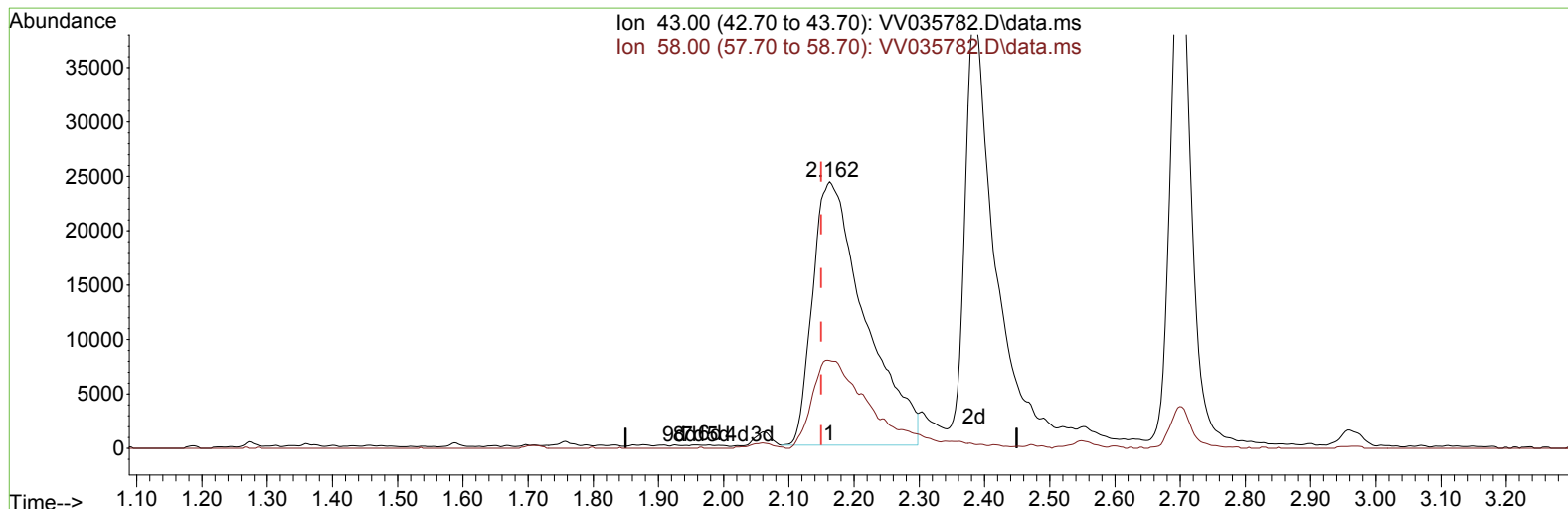
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
Data File : VV035782.D
Acq On : 25 May 2024 09:10
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: May 27 01:24:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 25 02:41:55 2024
Response via : Initial Calibration

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



TIC: VV035782.D\data.ms

(13) Acetone (T)

2.162min (+ 0.013) 38.92 ug/L

response 135037

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	11.40	13.91
0.00	0.00	0.00
0.00	0.00	0.00

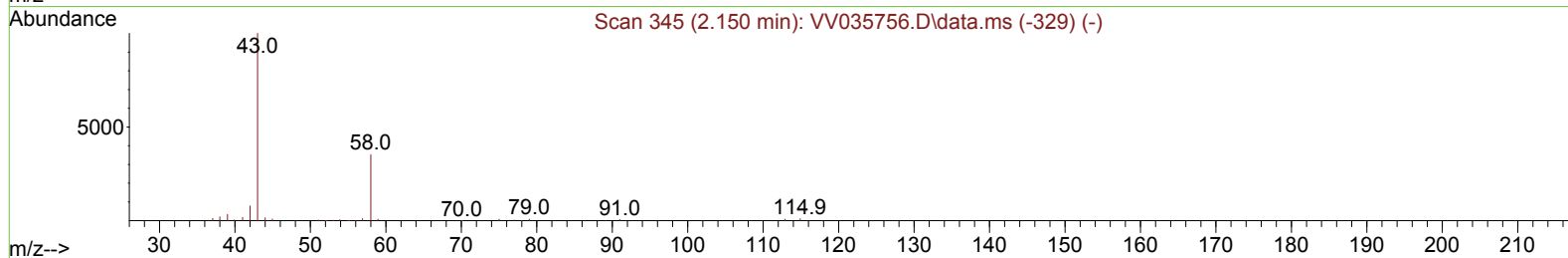
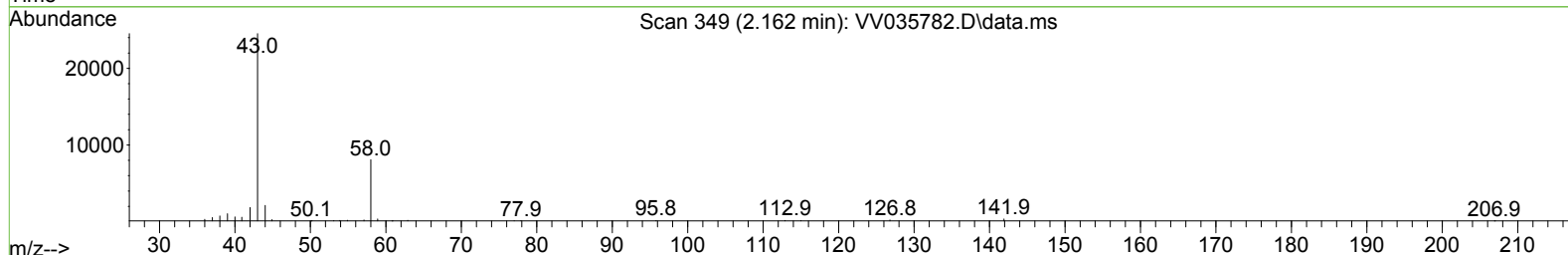
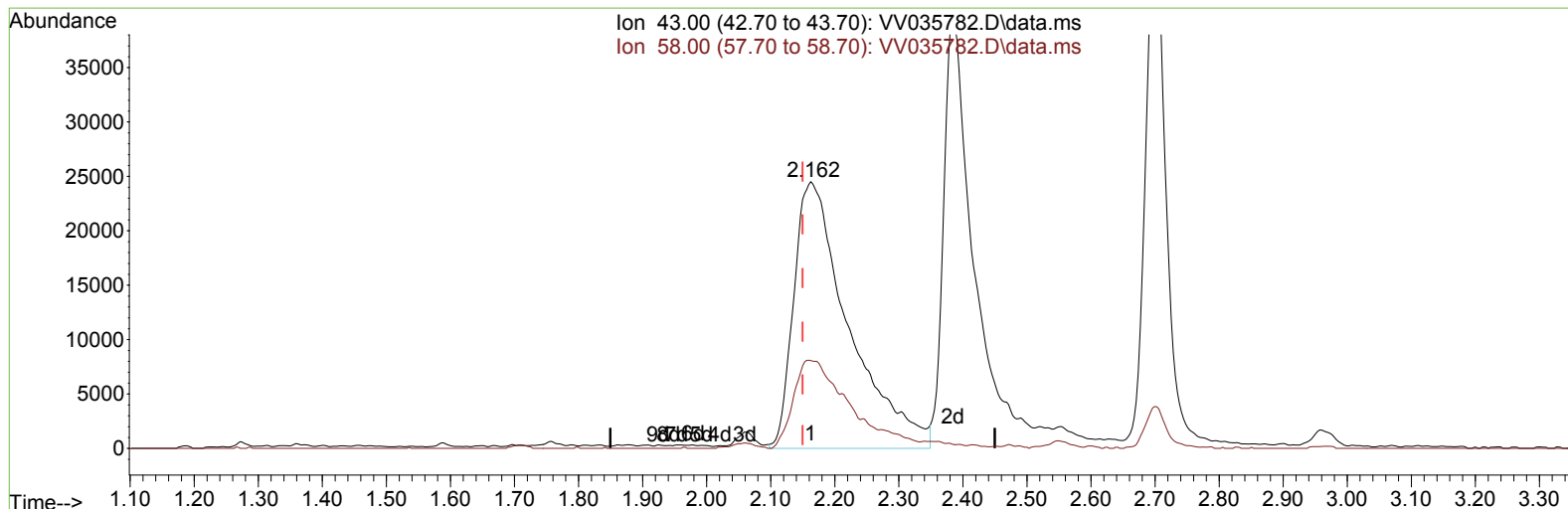
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
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Manual IntegrationsAPPROVED

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Quant Title : VOC Analysis
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TIC: VV035782.D\data.ms

(13) Acetone (T)

2.162min (+ 0.013) 42.05 ug/L m

response 145909

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	11.40	12.87
0.00	0.00	0.00
0.00	0.00	0.00

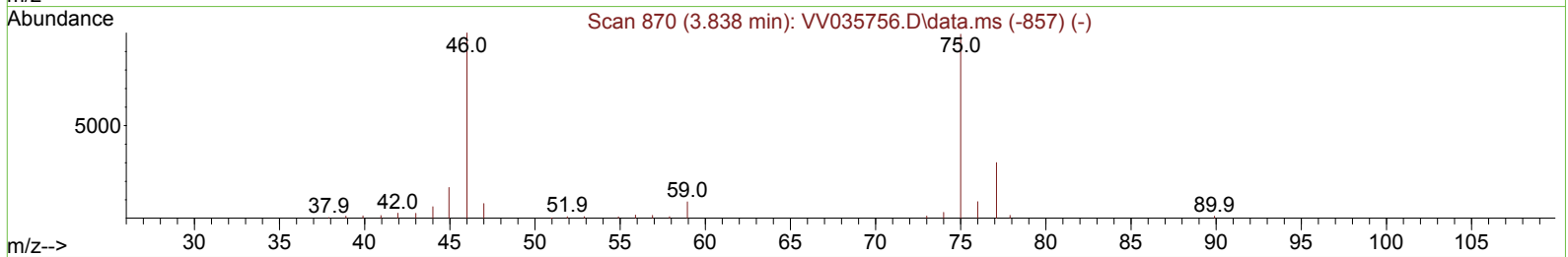
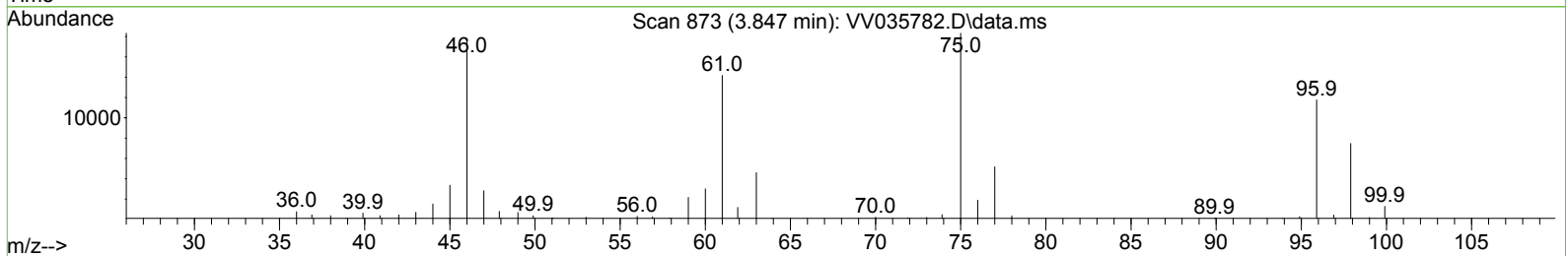
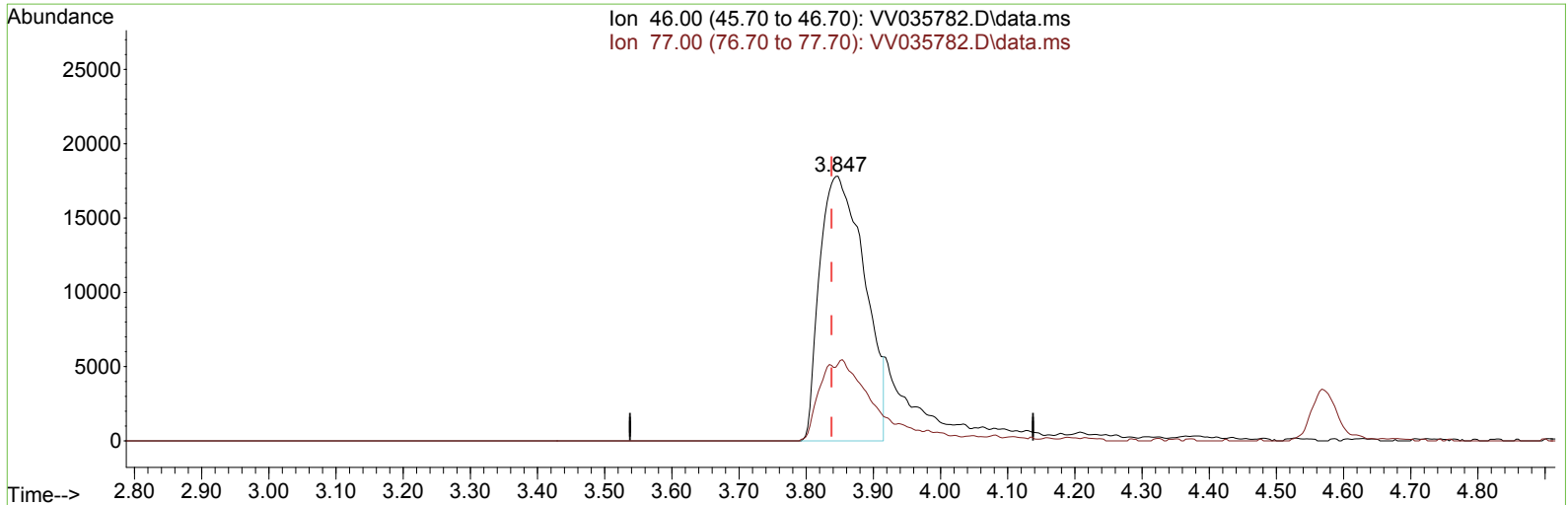
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
Data File : VV035782.D
Acq On : 25 May 2024 09:10
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

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Quant Title : VOC Analysis
QLast Update : Sat May 25 02:41:55 2024
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TIC: VV035782.D\data.ms

(21) 2-Butanone-d5 (S)

3.847min (+ 0.010) 34.83 ug/L

response 82548

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	10.49
0.00	0.00	0.00
0.00	0.00	0.00

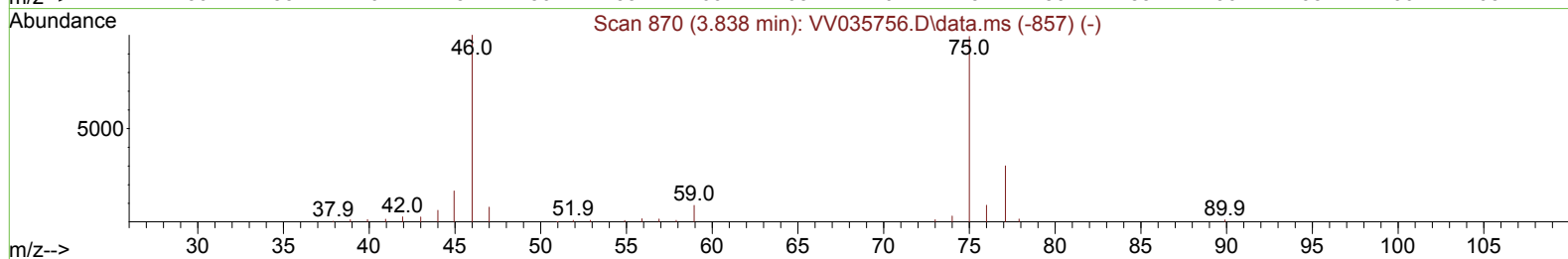
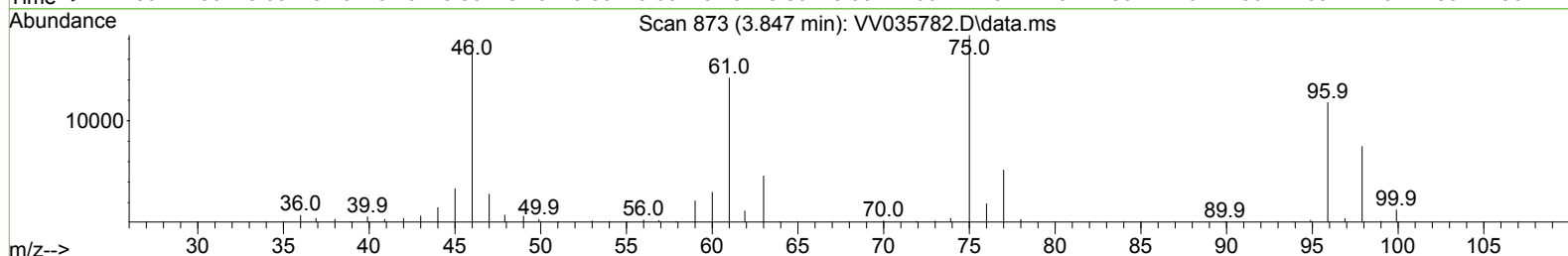
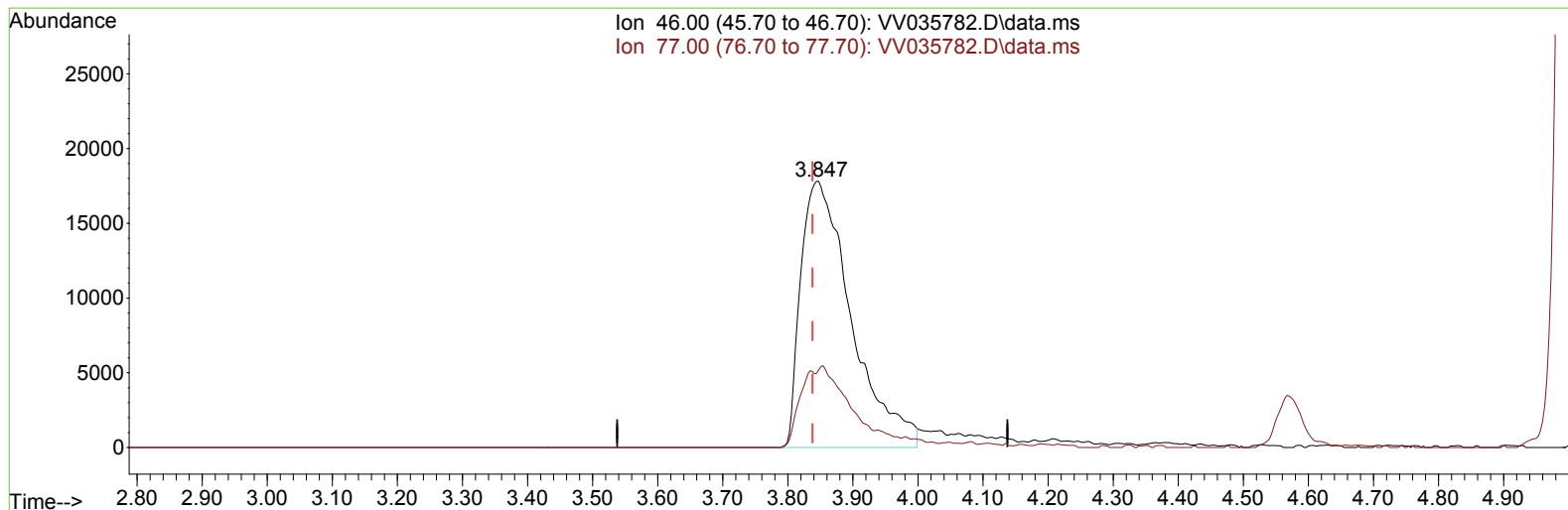
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
Data File : VV035782.D
Acq On : 25 May 2024 09:10
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

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TIC: VV035782.D\data.ms

(21) 2-Butanone-d5 (S)

3.847min (+ 0.010) 40.56 ug/L m

response 96152

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	9.01#
0.00	0.00	0.00
0.00	0.00	0.00

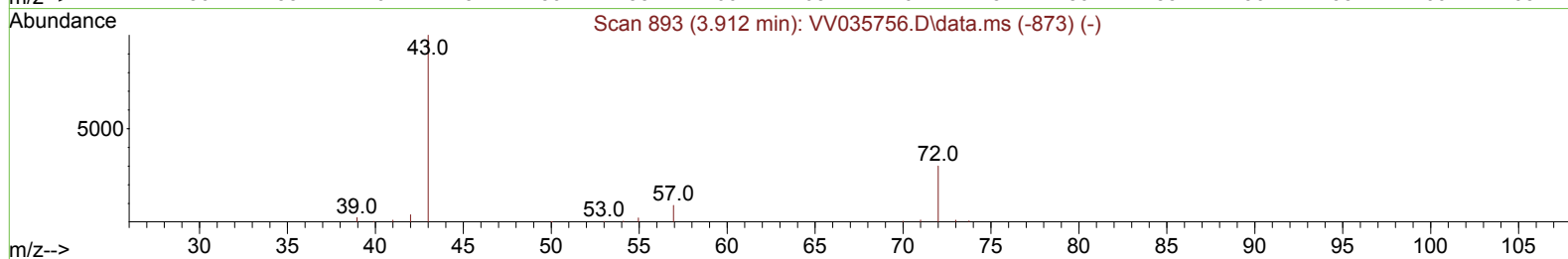
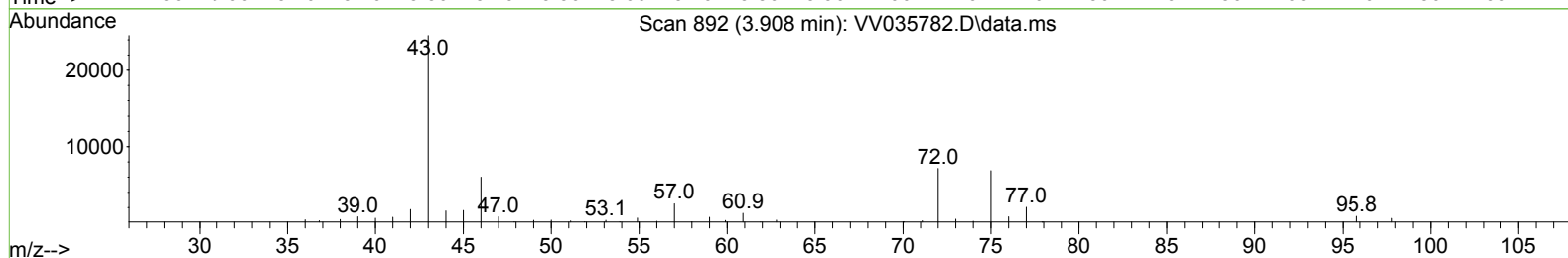
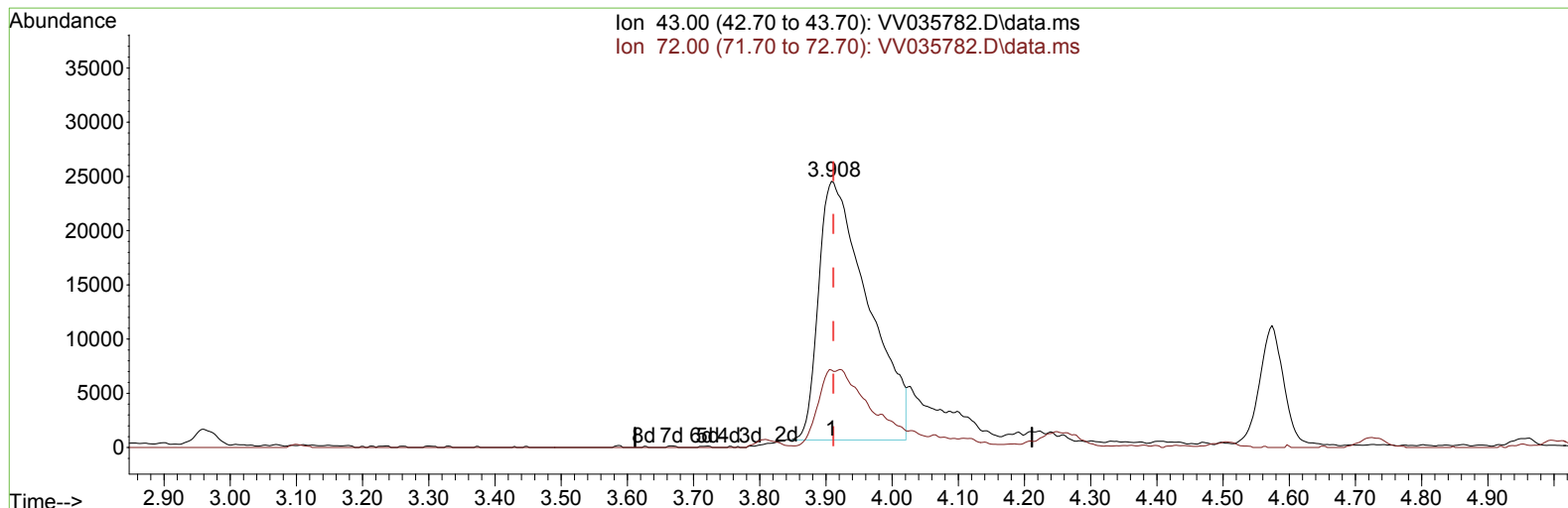
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
Data File : VV035782.D
Acq On : 25 May 2024 09:10
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
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Quant Time: May 27 01:24:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 25 02:41:55 2024
Response via : Initial Calibration



TIC: VV035782.D\data.ms

(22) 2-Butanone (T)

3.908min (-0.003) 38.41 ug/L

response 123761

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	24.60	9.52#
0.00	0.00	0.00
0.00	0.00	0.00

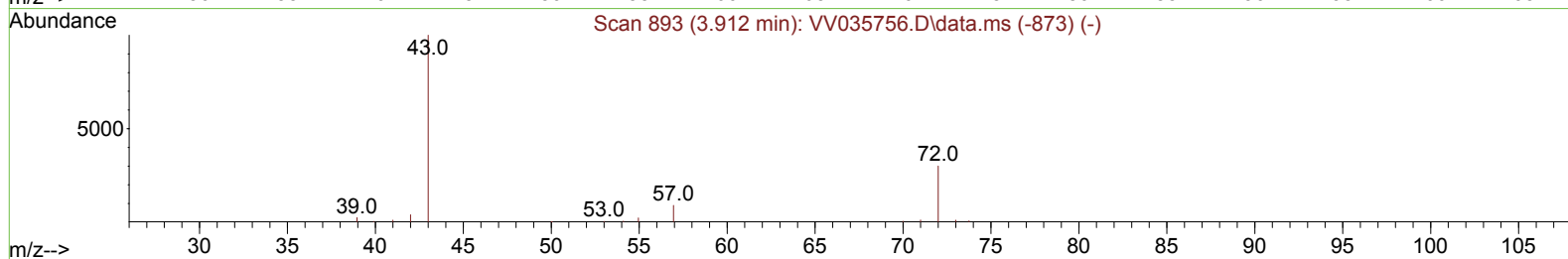
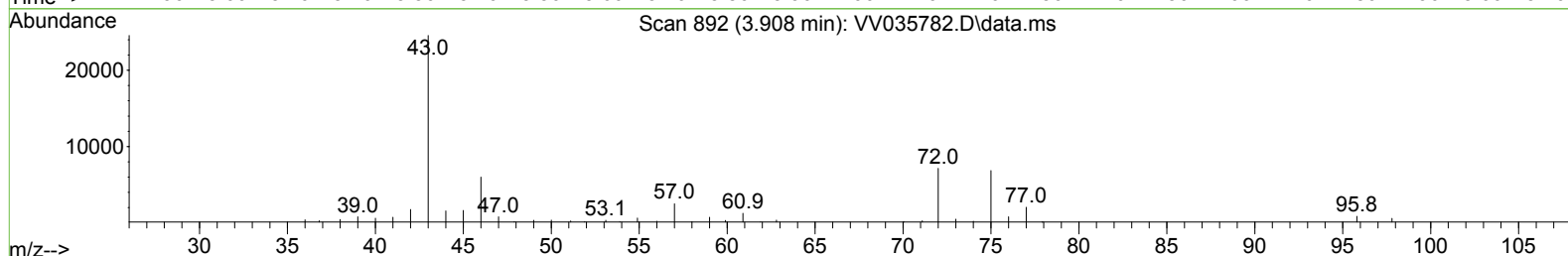
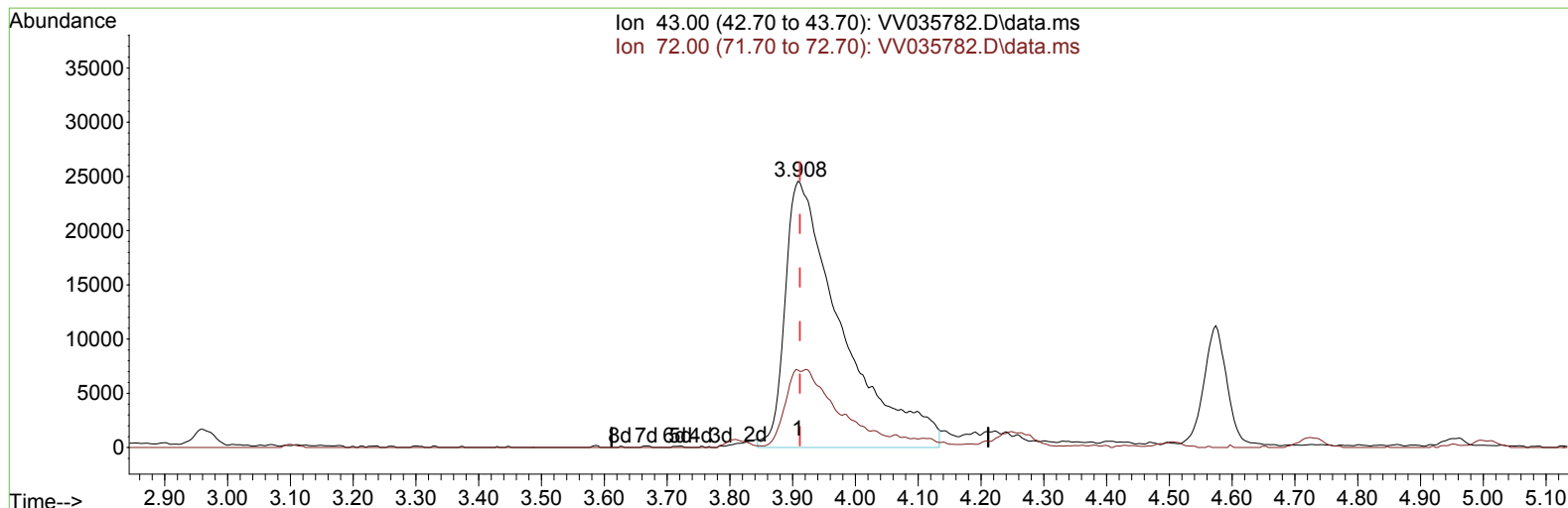
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Data File : VV035782.D
Acq On : 25 May 2024 09:10
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: May 27 01:24:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
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QLast Update : Sat May 25 02:41:55 2024
Response via : Initial Calibration

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



TIC: VV035782.D\data.ms

(22) 2-Butanone (T)

3.908min (-0.003) 47.98 ug/L m

response 154622

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	24.60	7.62#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052524\
 Data File : VW035782.D
 Acq On : 25 May 2024 09:10
 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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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
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 QLast Update : Sat May 25 02:41:55 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	540396	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	544358	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	302798	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	217471	26.037	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.160%
7) Chloroethane-d5	1.526	69	168576	25.018	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.080%
11) 1,1-Dichloroethene-d2	2.050	65	92254	24.949	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.800%
21) 2-Butanone-d5	3.847	46	96152m	40.564	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.120%
24) Chloroform-d	4.240	84	374935	23.338	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.360%
26) 1,2-Dichloroethane-d4	4.934	65	193099	24.313	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.240%
32) Benzene-d6	4.950	84	730661	24.520	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.080%
36) 1,2-Dichloropropane-d6	5.982	67	218785	23.792	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.160%
41) Toluene-d8	7.236	98	678580	25.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.360%
43) trans-1,3-Dichloroprop...	7.548	79	96377	24.506	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.040%
47) 2-Hexanone-d5	8.030	63	66393	40.151	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.300%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	185662	20.952	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	241366	22.969	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	228009	20.753	ug/L	99
3) Chloromethane	1.211	50	209405	18.984	ug/L	100
5) Vinyl chloride	1.278	62	242675	21.295	ug/L	99
6) Bromomethane	1.484	94	149006	20.650	ug/L	99
8) Chloroethane	1.542	64	158615	22.579	ug/L	99
9) Trichlorofluoromethane	1.706	101	357084	24.006	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	239460	25.515	ug/L	99
12) 1,1-Dichloroethene	2.060	96	197561	23.305	ug/L #	82
13) Acetone	2.162	43	145909m	42.051	ug/L	
14) Carbon disulfide	2.230	76	483424	18.005	ug/L	100
15) Methyl Acetate	2.384	43	109790	20.884	ug/L	91
16) Methylene chloride	2.439	84	254691	20.438	ug/L	96
17) trans-1,2-Dichloroethene	2.687	96	214171	22.758	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	585189	25.778	ug/L	99
19) 1,1-Dichloroethane	3.101	63	446421	25.303	ug/L	100
20) cis-1,2-Dichloroethene	3.805	96	237845	23.314	ug/L	100
22) 2-Butanone	3.908	43	154622m	47.985	ug/L	
23) Bromochloromethane	4.140	128	120808	24.483	ug/L	97
25) Chloroform	4.265	83	475981	26.127	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	295249	26.025	ug/L	100
29) Cyclohexane	4.574	56	296362	22.766	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	400280	26.520	ug/L	99
31) Carbon tetrachloride	4.725	117	346748	26.183	ug/L	98
33) Benzene	5.002	78	919736	25.529	ug/L	100
34) Trichloroethene	5.825	95	270187	26.512	ug/L	99
35) Methylcyclohexane	6.043	83	366644	23.697	ug/L	99
37) 1,2-Dichloropropane	6.088	63	258373	27.488	ug/L	100
38) Bromodichloromethane	6.426	83	343828	27.002	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	377568	25.682	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	320343	56.905	ug/L	97
42) Toluene	7.310	91	1000992	26.254	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	349391	27.167	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	222995	27.921	ug/L	99
46) Tetrachloroethene	7.899	164	199709	24.121	ug/L	98
48) 2-Hexanone	8.075	43	229257	54.316	ug/L	98
49) Dibromochloromethane	8.172	129	247107	27.420	ug/L	98
50) 1,2-Dibromoethane	8.278	107	212692	27.032	ug/L	99
51) Chlorobenzene	8.808	112	668230	25.259	ug/L	99
52) Ethylbenzene	8.944	91	1110040	26.369	ug/L	99
53) m,p-Xylene	9.069	106	423141	26.494	ug/L	99
54) o-Xylene	9.474	106	405002	26.756	ug/L	99
55) Styrene	9.490	104	748835	28.363	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	235449	24.201	ug/L	99
59) Bromoform	9.661	173	168461	28.310	ug/L	99
60) Isopropylbenzene	9.863	105	1141281	28.295	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	206031	29.037	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	916622	28.969	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	918803	28.257	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	569731	26.915	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	589941	26.921	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	538959	27.049	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	46095	28.011	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	432937	26.173	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	351770	25.468	ug/L	100
71) Naphthalene	13.435	128	582499	24.022	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	326254	26.257	ug/L	99

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

