

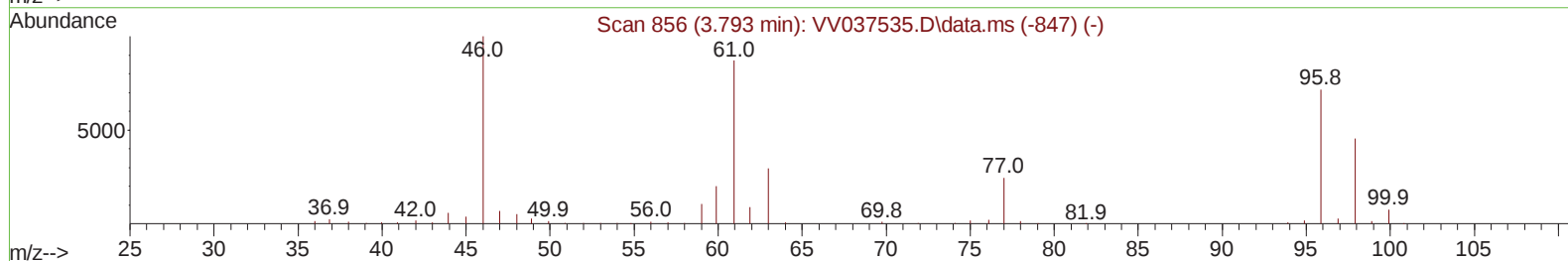
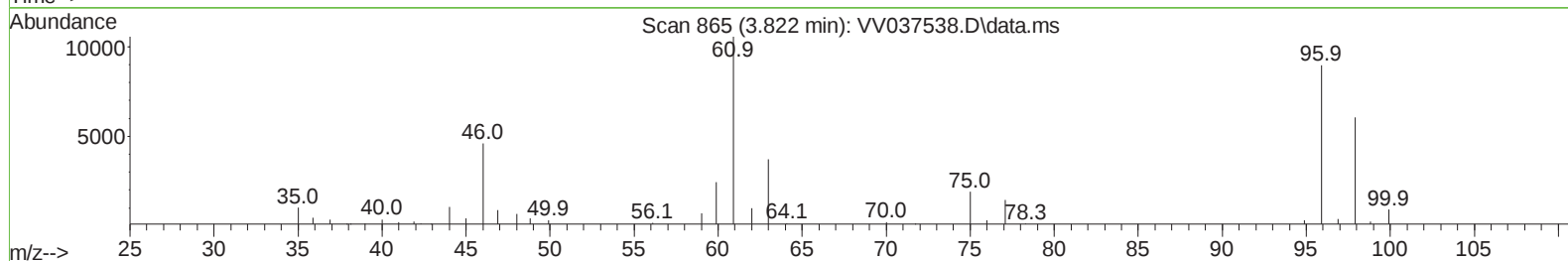
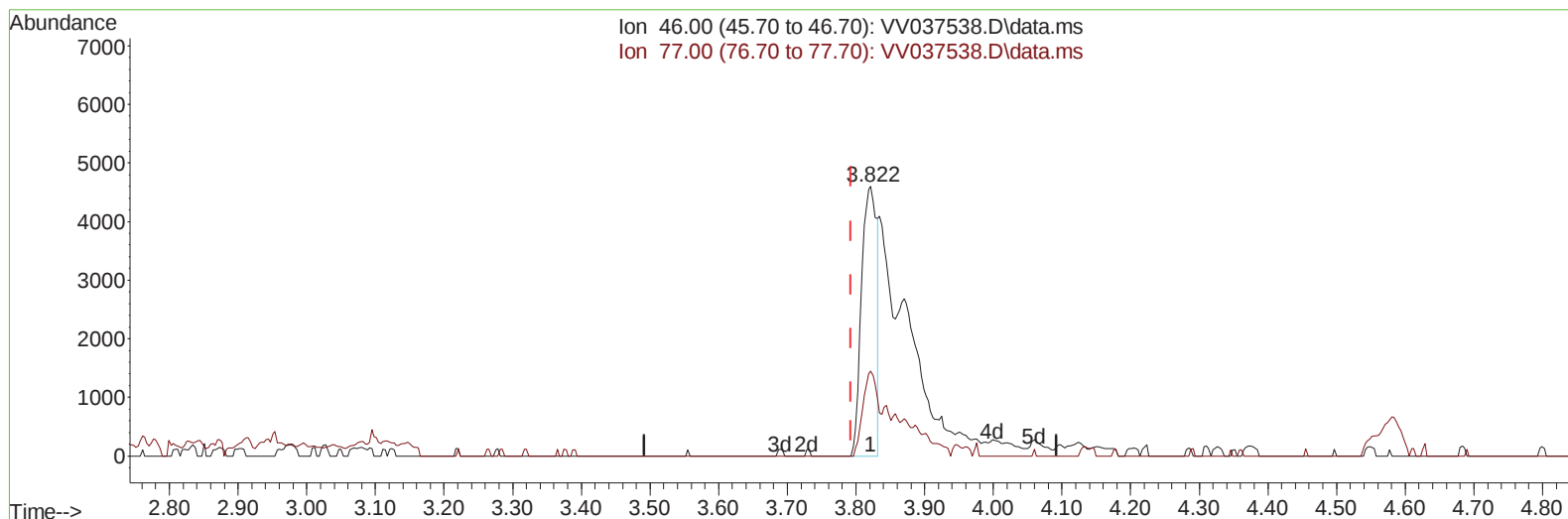
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037538.D
Acq On : 26 Sep 2024 11:18
Operator : SY/MD
Sample : VSTD00505
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005205

Manual IntegrationsAPPROVED

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

Quant Time: Sep 27 00:17:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 00:13:08 2024
Response via : Initial Calibration



TIC: VV037538.D\data.ms

(21) 2-Butanone-d5 (S)

3.822min (+ 0.029) 3.57 ug/L

response 7141

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.70	31.79
0.00	0.00	0.00
0.00	0.00	0.00

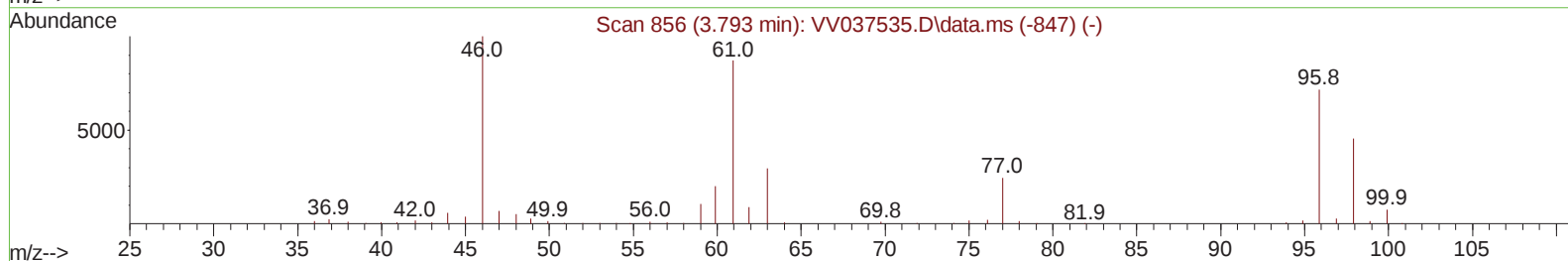
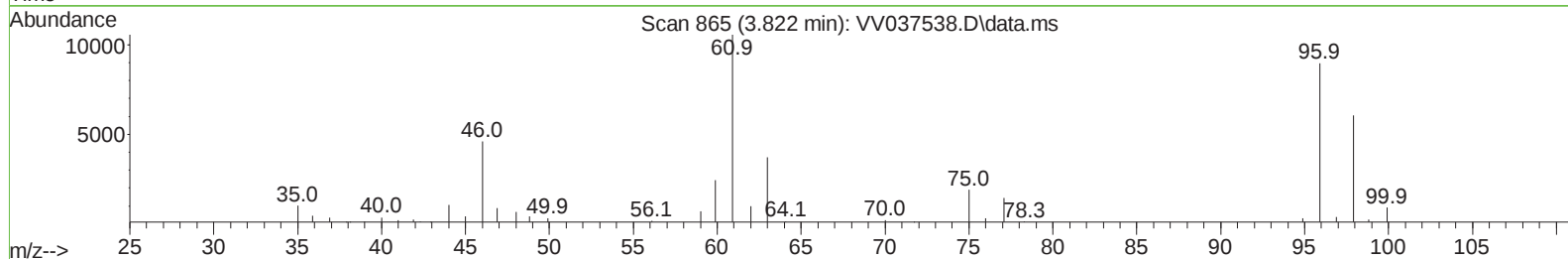
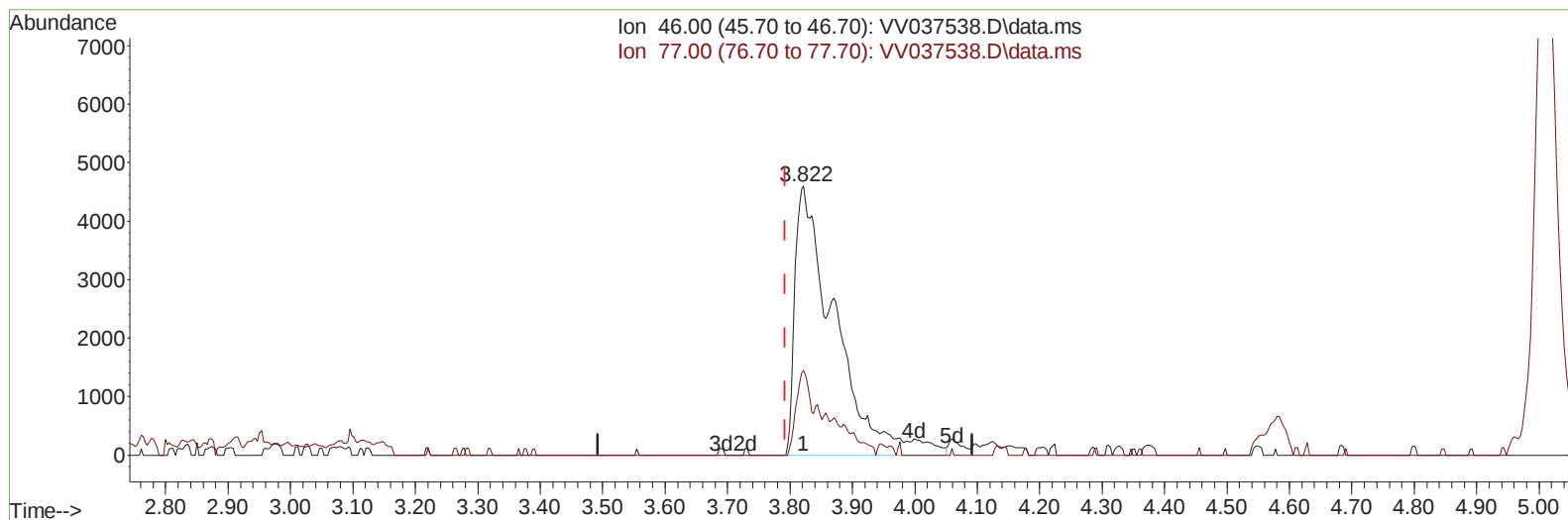
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037538.D
Acq On : 26 Sep 2024 11:18
Operator : SY/MD
Sample : VSTD00505
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005205

Manual IntegrationsAPPROVED

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

Quant Time: Sep 27 00:17:04 2024
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Quant Title : VOC Analysis
QLast Update : Fri Sep 27 00:13:08 2024
Response via : Initial Calibration



TIC: VV037538.D\data.ms

(21) 2-Butanone-d5 (S)

3.822min (+ 0.029) 10.22 ug/L m

response 20461

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.70	11.09#
0.00	0.00	0.00
0.00	0.00	0.00

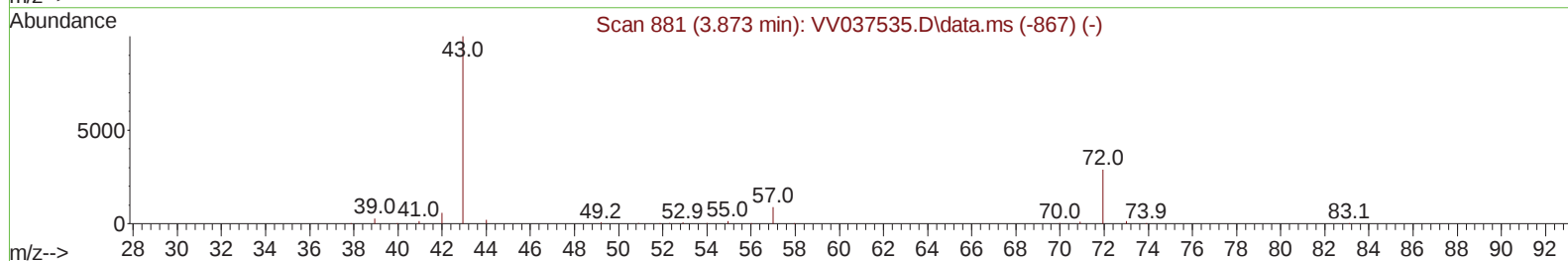
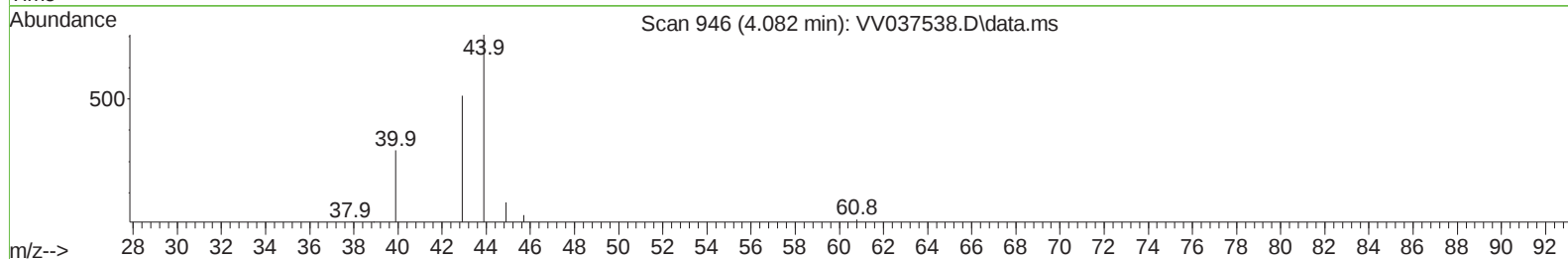
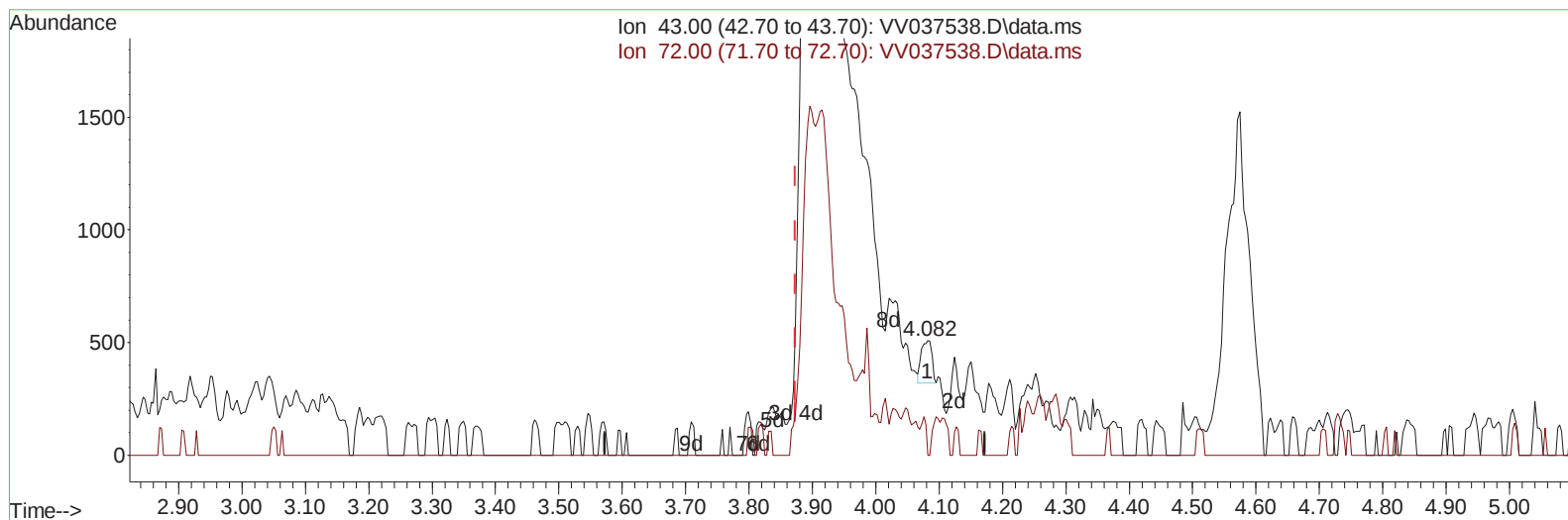
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037538.D
Acq On : 26 Sep 2024 11:18
Operator : SY/MD
Sample : VSTD00505
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005205

Manual IntegrationsAPPROVED

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

Quant Time: Sep 27 00:17:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 00:13:08 2024
Response via : Initial Calibration



TIC: VV037538.D\data.ms

(22) 2-Butanone (T)

4.082min (+ 0.209) 0.10 ug/L

response 216

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	28.60	39.35
0.00	0.00	0.00
0.00	0.00	0.00

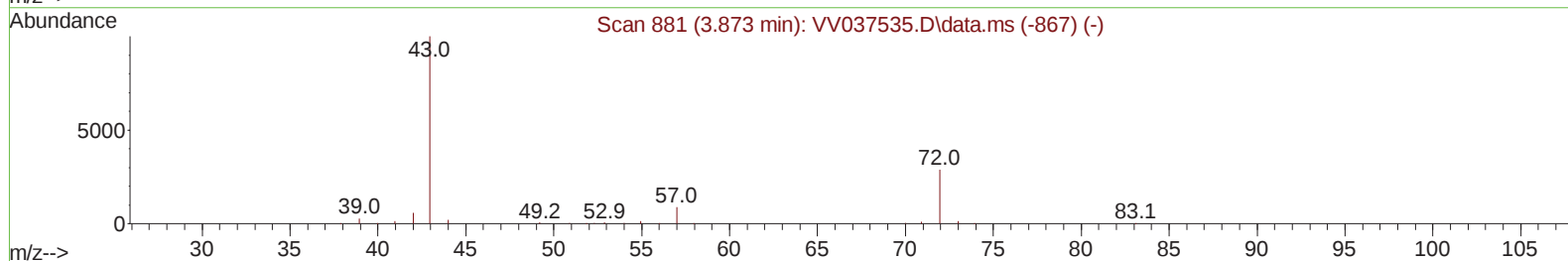
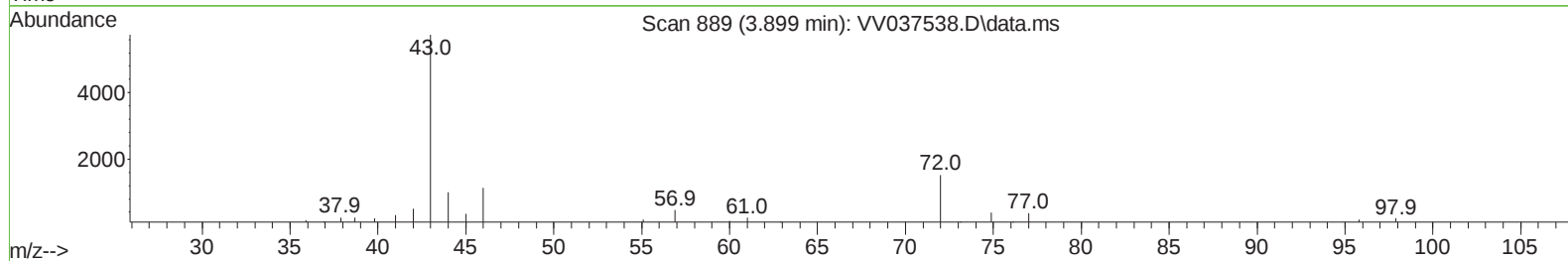
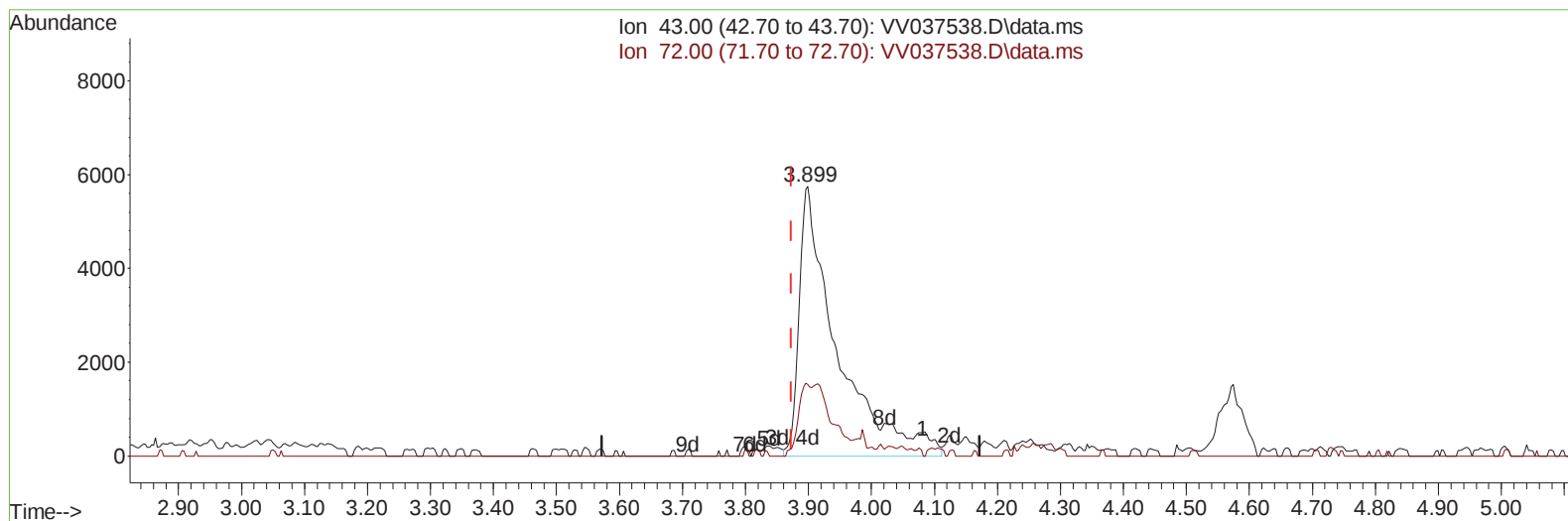
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037538.D
Acq On : 26 Sep 2024 11:18
Operator : SY/MD
Sample : VSTD00505
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005205

Manual IntegrationsAPPROVED

Quant Time: Sep 27 00:17:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 00:13:08 2024
Response via : Initial Calibration

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



TIC: VV037538.D\data.ms

(22) 2-Butanone (T)

3.899min (+ 0.026) 11.12 ug/L m

response 23977

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	28.60	0.35#
0.00	0.00	0.00
0.00	0.00	0.00

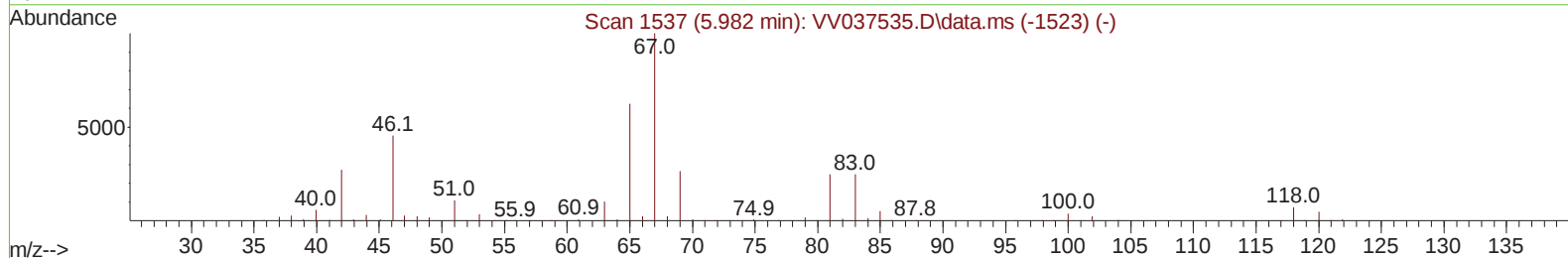
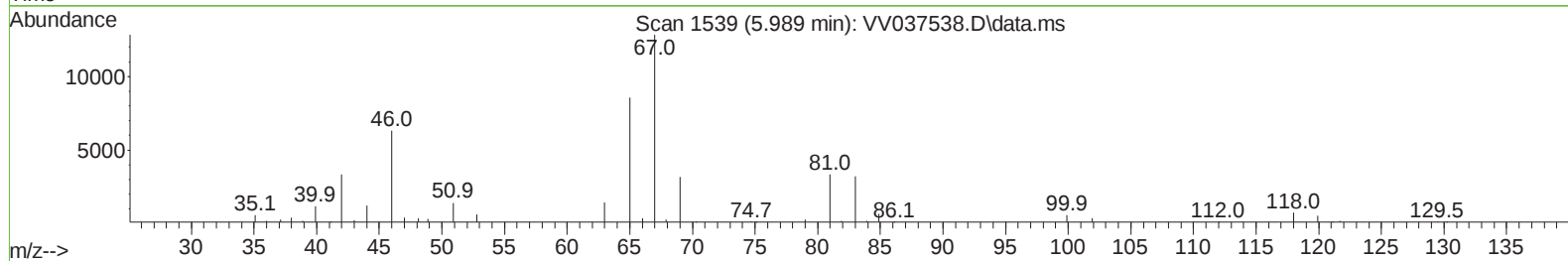
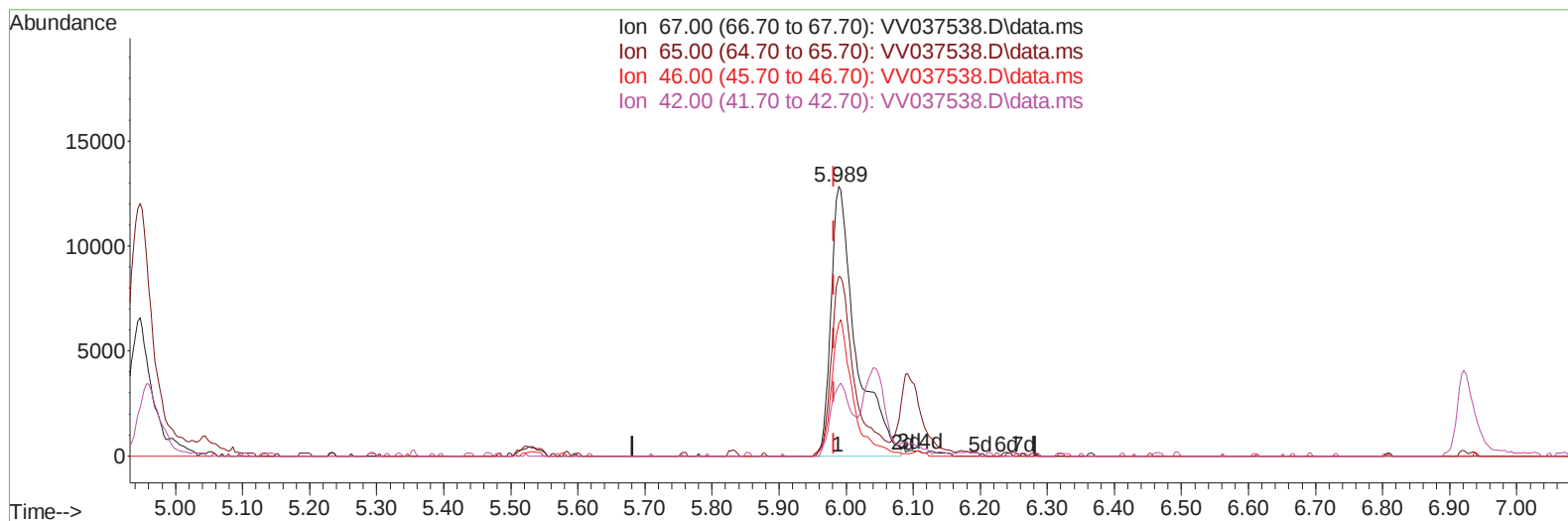
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037538.D
 Acq On : 26 Sep 2024 11:18
 Operator : SY/MD
 Sample : VSTD00505
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005205

Manual IntegrationsAPPROVED

Quant Time: Sep 27 00:17:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
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Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024



TIC: VV037538.D\data.ms

(36) 1,2-Dichloropropane-d6 (S)

5.989min (+ 0.007) 5.18 ug/L

response 33211

Ion	Exp%	Act%
67.00	100.00	100.00
65.00	63.30	61.41
46.00	45.20	42.92
42.00	25.60	22.75

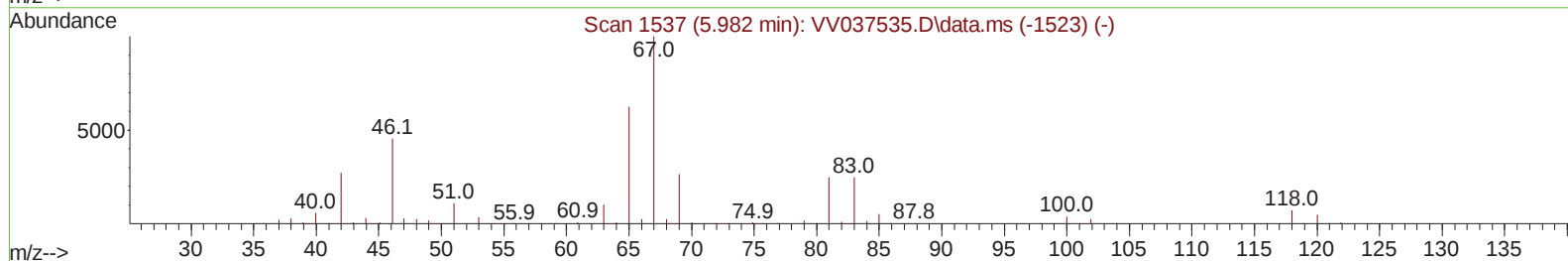
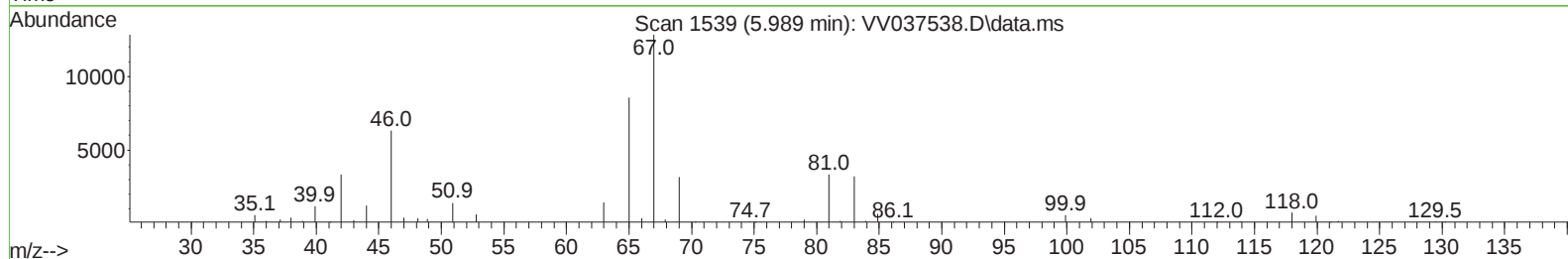
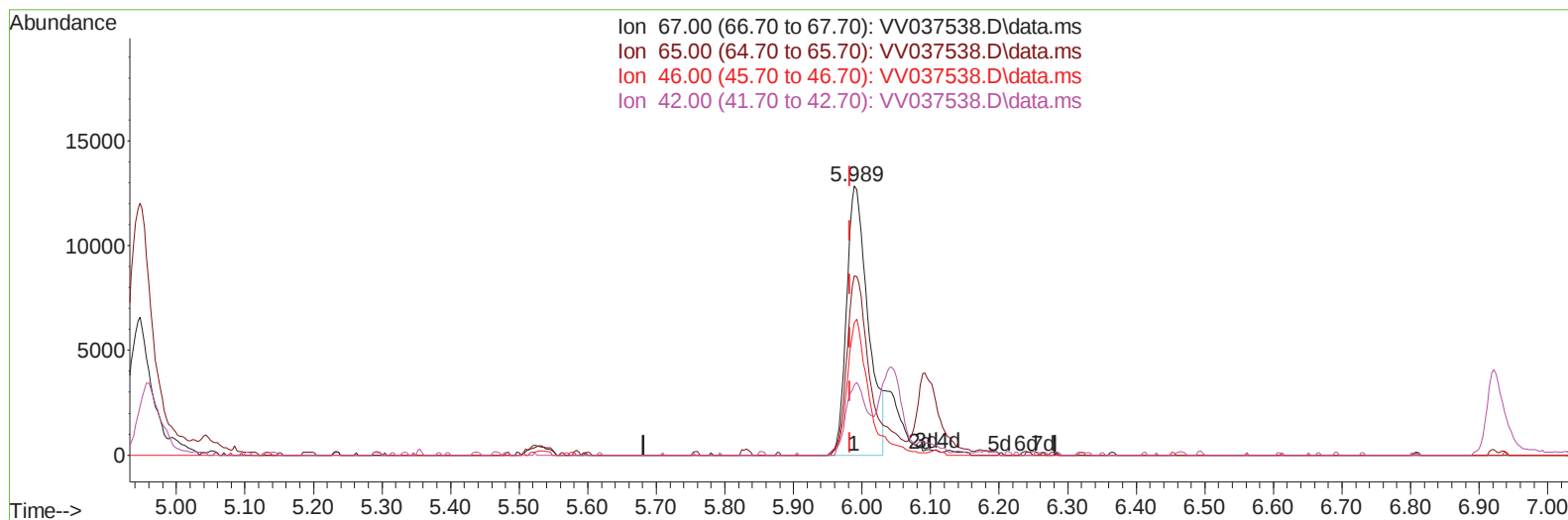
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037538.D
Acq On : 26 Sep 2024 11:18
Operator : SY/MD
Sample : VSTD00505
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005205

Manual IntegrationsAPPROVED

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

Quant Time: Sep 27 00:17:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 00:13:08 2024
Response via : Initial Calibration



TIC: VV037538.D\data.ms

(36) 1,2-Dichloropropane-d6 (S)

5.989min (+ 0.007) 4.37 ug/L m

response 28010

Ion	Exp%	Act%
67.00	100.00	100.00
65.00	63.30	72.81
46.00	45.20	50.89
42.00	25.60	26.97

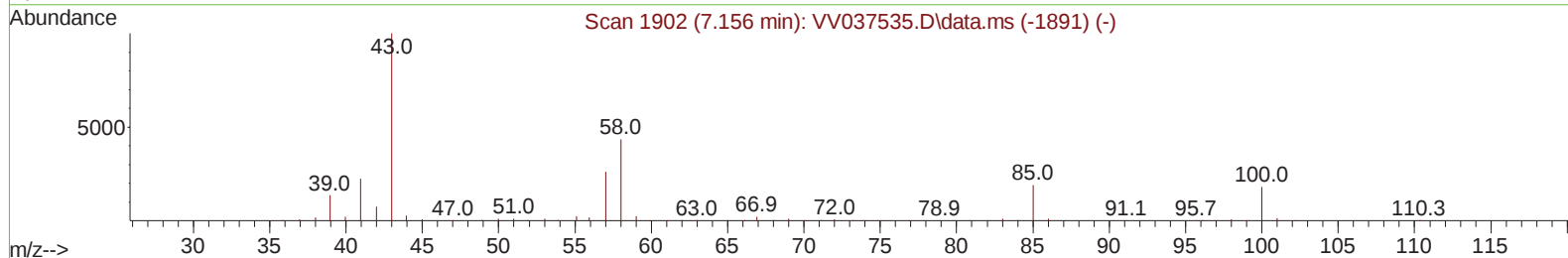
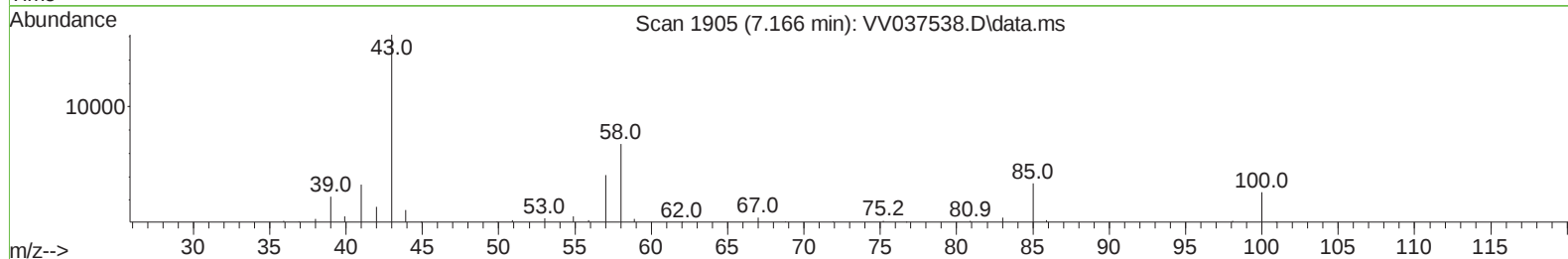
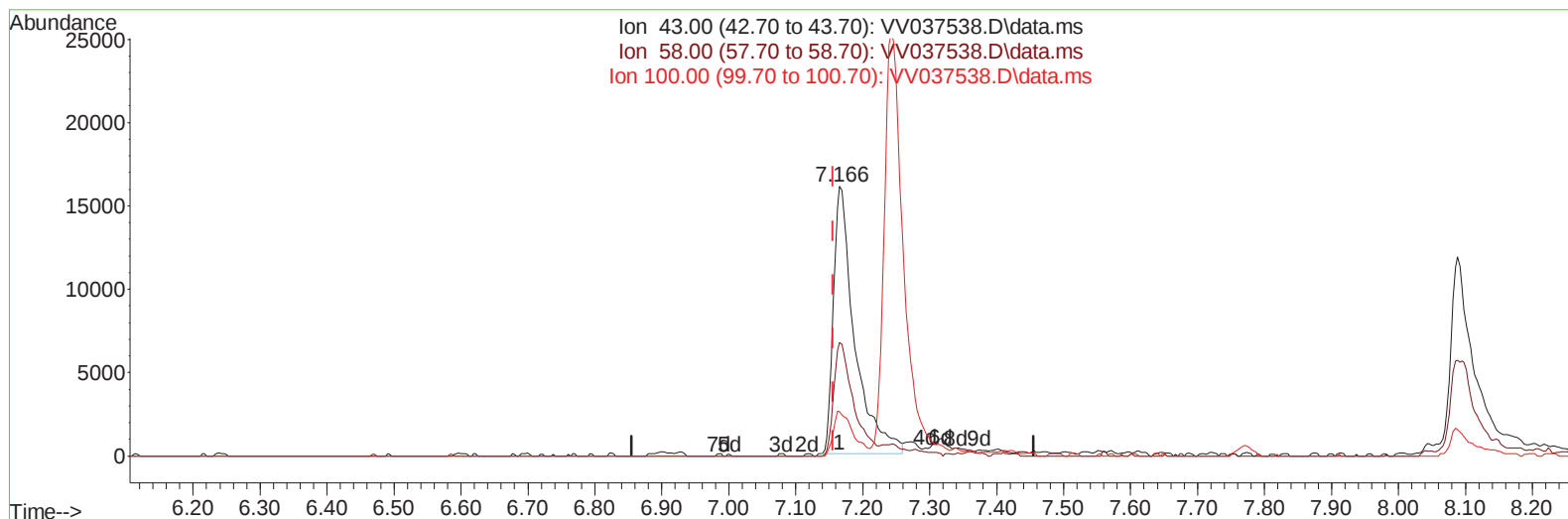
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 Data File : VV037538.D
 Acq On : 26 Sep 2024 11:18
 Operator : SY/MD
 Sample : VSTD00505
 Misc : 5mL/MSVOA_V/WATER
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Instrument :
 MSVOA_V
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Sep 27 00:17:04 2024
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 QLast Update : Fri Sep 27 00:13:08 2024
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Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024



TIC: VV037538.D\data.ms

(40) 4-Methyl-2-pentanone (T)

7.166min (+ 0.010) 9.10 ug/L

response 35309

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	41.20	39.58
100.00	17.10	15.65
0.00	0.00	0.00

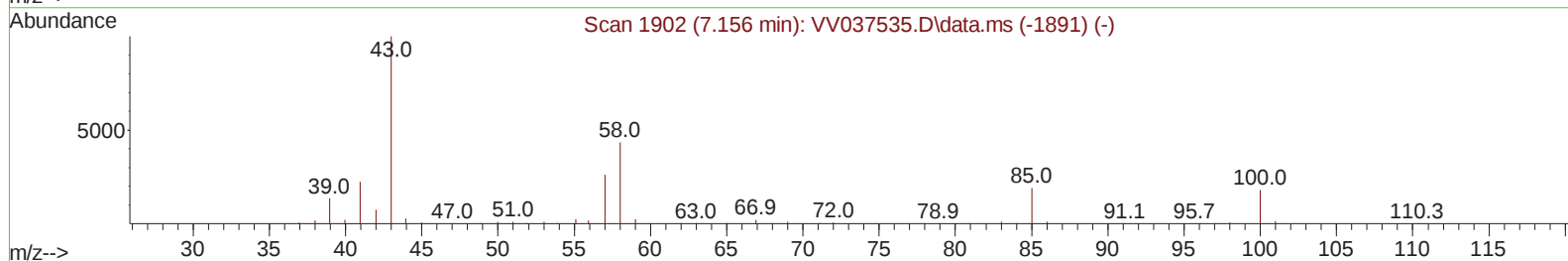
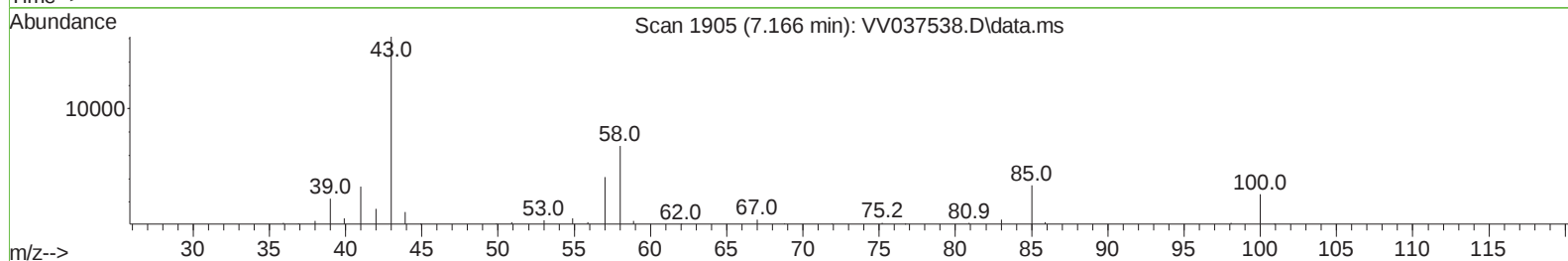
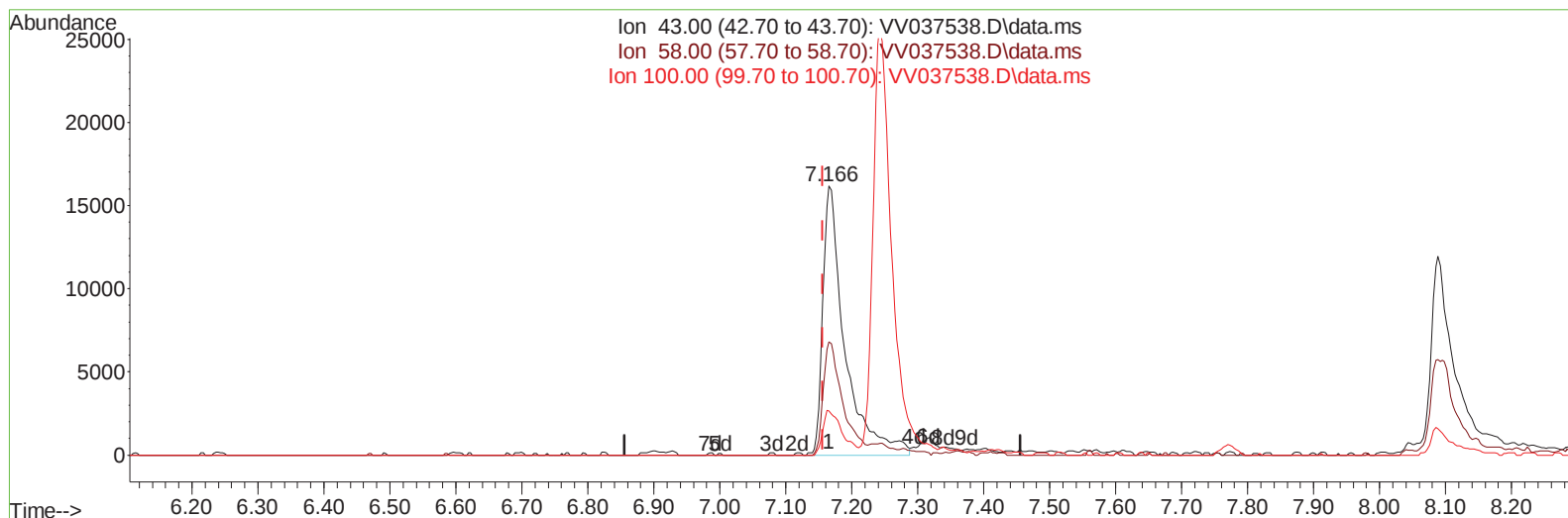
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Data File : VV037538.D
Acq On : 26 Sep 2024 11:18
Operator : SY/MD
Sample : VSTD00505
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005205

Manual IntegrationsAPPROVED

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

Quant Time: Sep 27 00:17:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 00:13:08 2024
Response via : Initial Calibration



TIC: VV037538.D\data.ms

(40) 4-Methyl-2-pentanone (T)

7.166min (+ 0.010) 9.68 ug/L m

response 37550

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	41.20	37.22
100.00	17.10	14.72
0.00	0.00	0.00

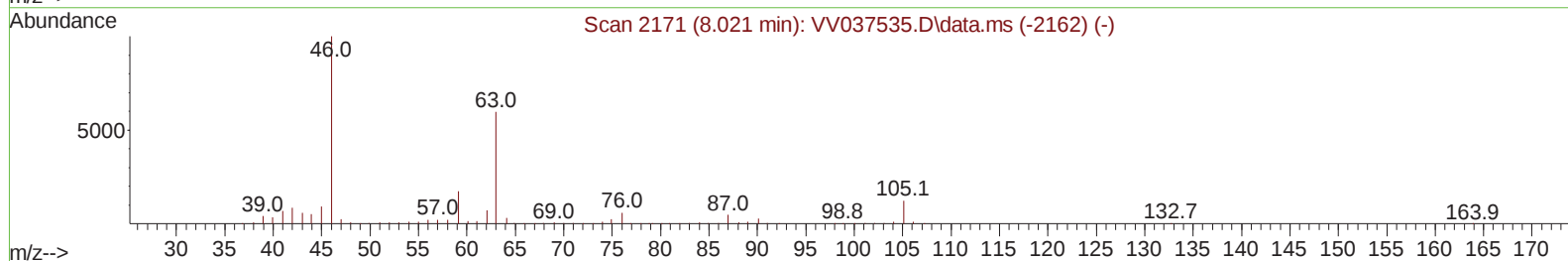
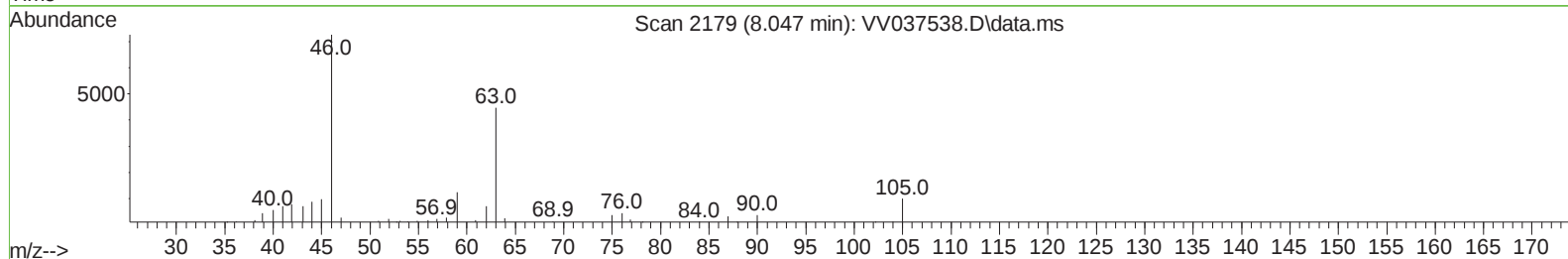
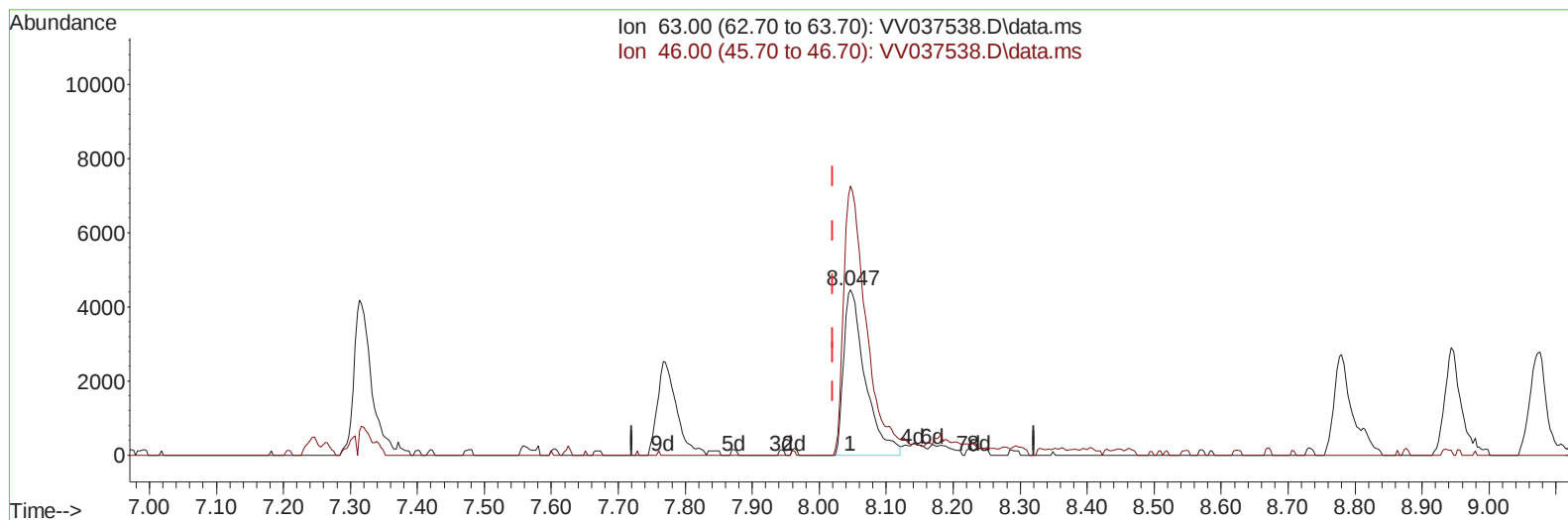
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037538.D
 Acq On : 26 Sep 2024 11:18
 Operator : SY/MD
 Sample : VSTD00505
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005205

Manual IntegrationsAPPROVED

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
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 Supervised By :Mahesh Dadoda 09/30/2024



TIC: VV037538.D\data.ms

(47) 2-Hexanone-d5 (S)

8.047min (+ 0.026) 7.88 ug/L

response 9920

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	172.50	163.94
0.00	0.00	0.00
0.00	0.00	0.00

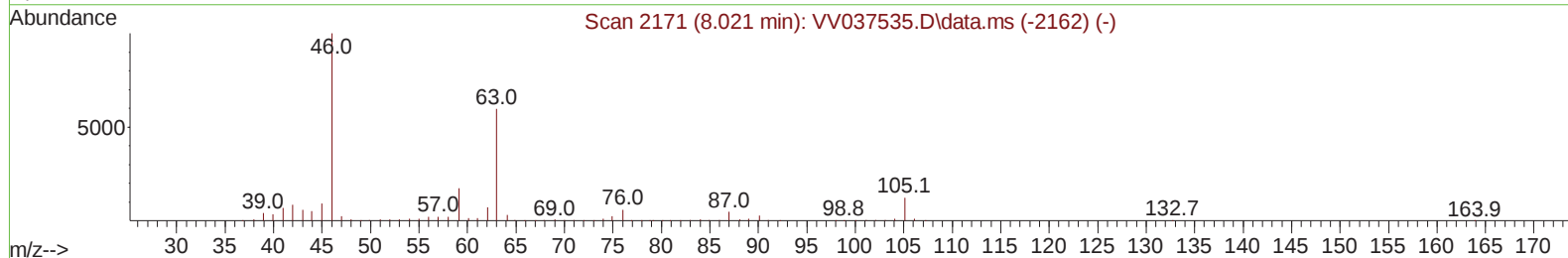
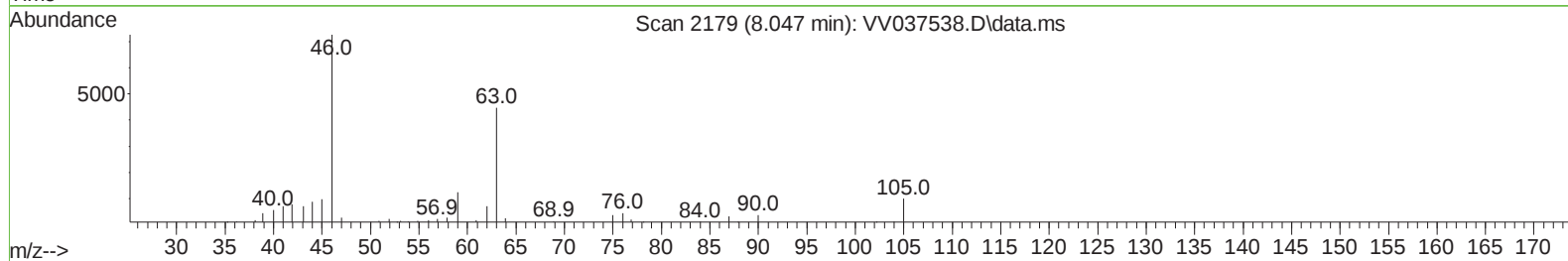
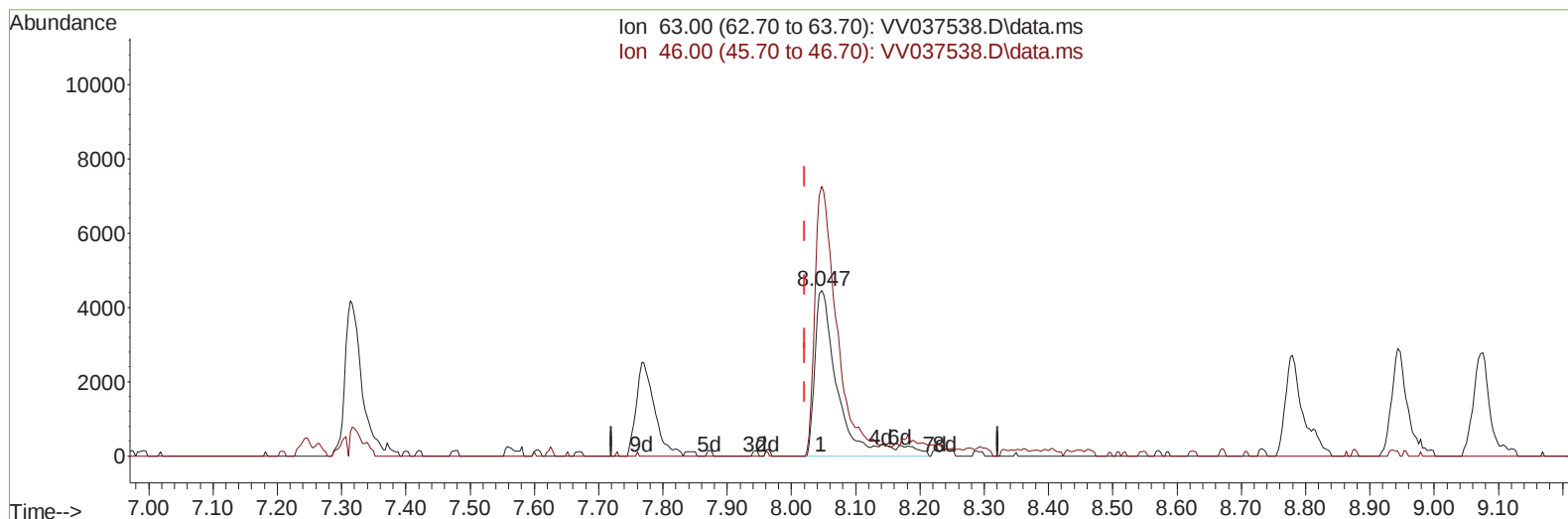
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037538.D
 Acq On : 26 Sep 2024 11:18
 Operator : SY/MD
 Sample : VSTD00505
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005205

Manual IntegrationsAPPROVED

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 QLast Update : Fri Sep 27 00:13:08 2024
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Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024



TIC: VV037538.D\data.ms

(47) 2-Hexanone-d5 (S)

8.047min (+ 0.026) 8.86 ug/L m

response 11155

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	172.50	145.79
0.00	0.00	0.00
0.00	0.00	0.00

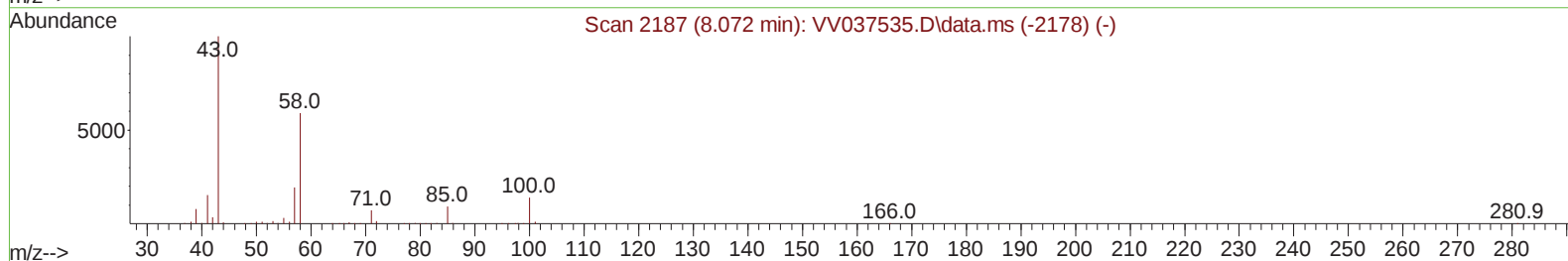
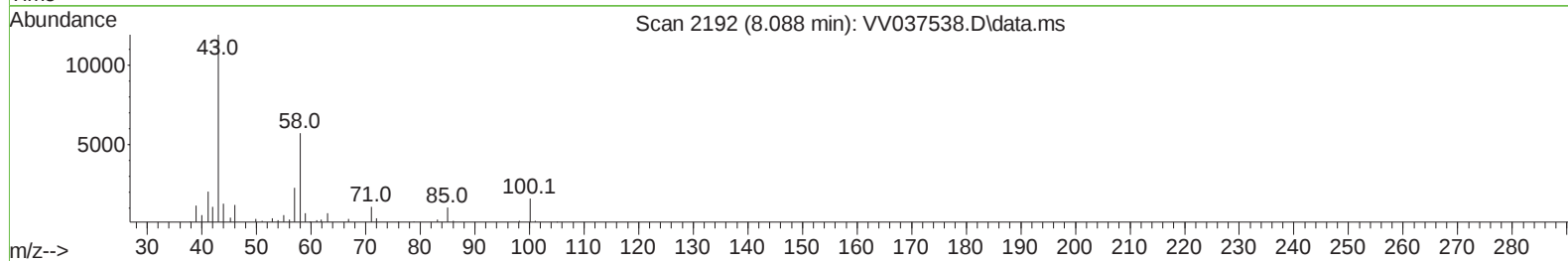
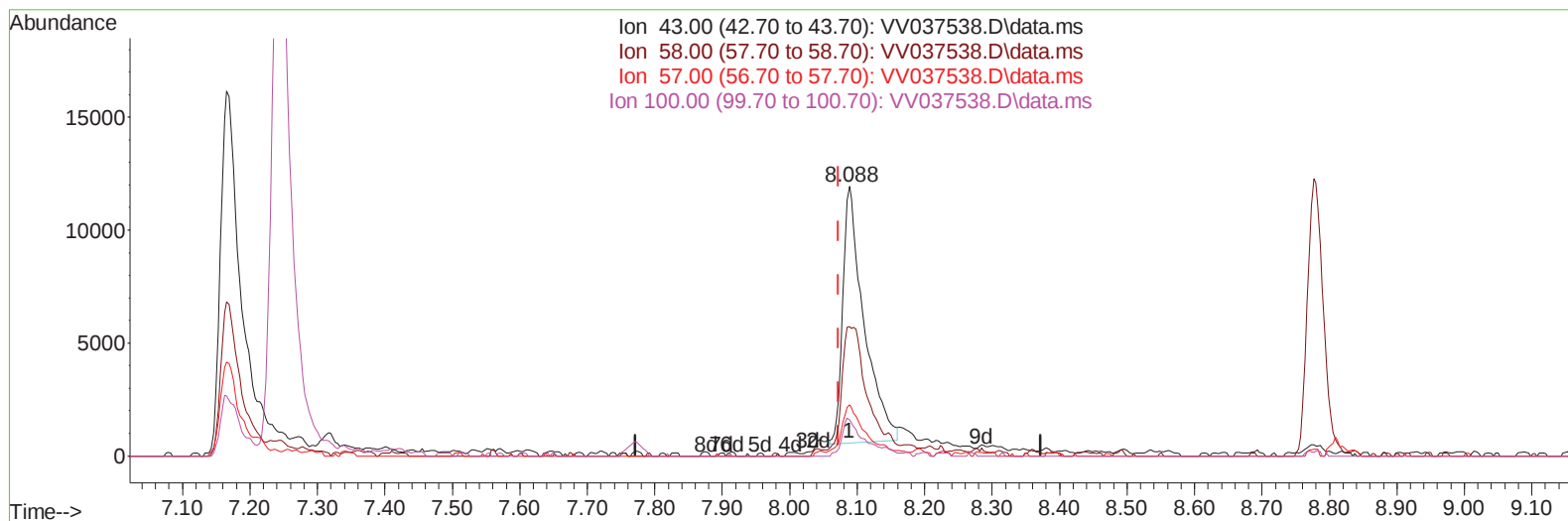
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Instrument :
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Manual IntegrationsAPPROVED

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



TIC: VV037538.D\data.ms

(48) 2-Hexanone (T)

8.088min (+ 0.016) 8.61 ug/L

response 24772

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	58.10	22.75#
57.00	18.90	18.23
100.00	13.40	14.23

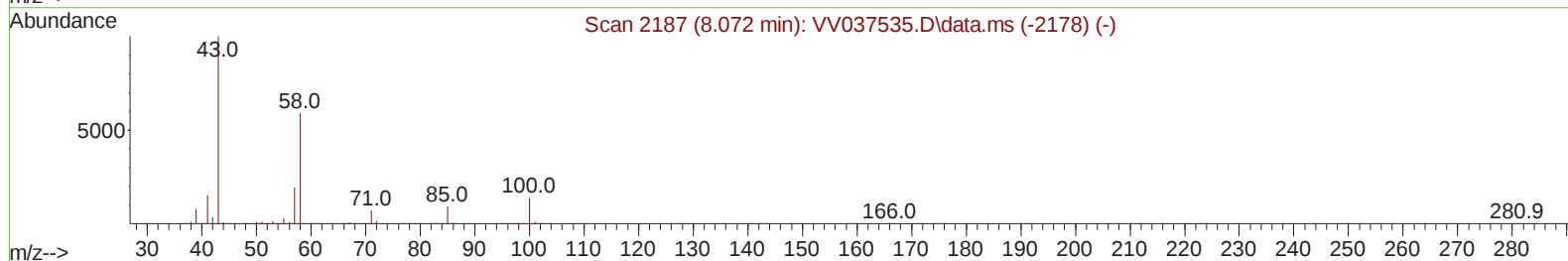
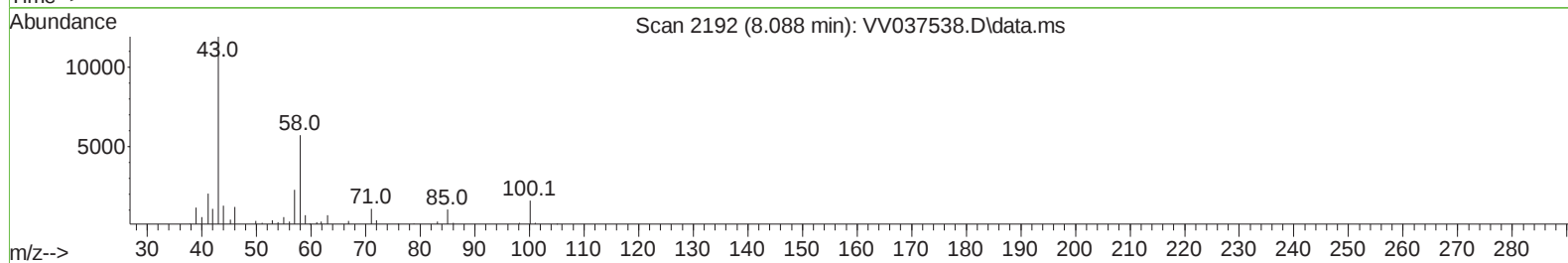
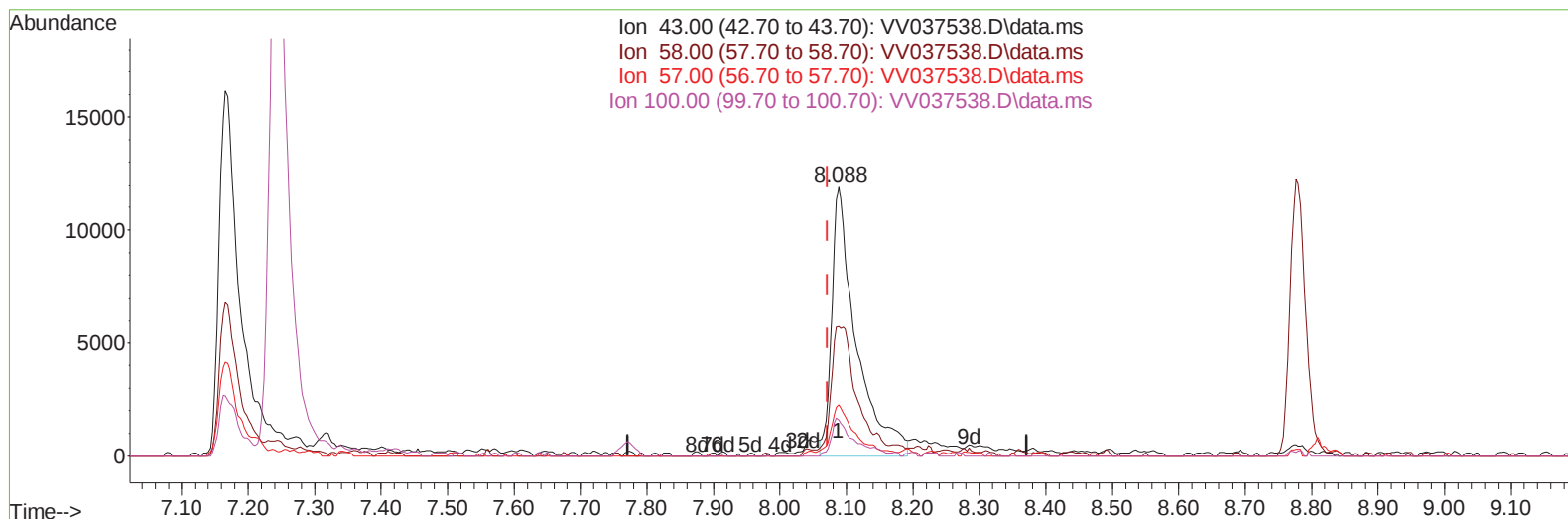
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037538.D
 Acq On : 26 Sep 2024 11:18
 Operator : SY/MD
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Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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 QLast Update : Fri Sep 27 00:13:08 2024
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Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024



TIC: VV037538.D\data.ms

(48) 2-Hexanone (T)

8.088min (+ 0.016) 10.56 ug/L m

response 30387

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	58.10	18.54#
57.00	18.90	14.86#
100.00	13.40	11.60

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037538.D
 Acq On : 26 Sep 2024 11:18
 Operator : SY/MD
 Sample : VSTD00505
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	654543	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	622698	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	317678	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24694	4.298	ug/L	0.00
7) Chloroethane-d5	1.532	69	19659	4.408	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	10448	4.352	ug/L	0.00
21) 2-Butanone-d5	3.822	46	20461m	10.222	ug/L	0.03
24) Chloroform-d	4.249	84	47820	4.678	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	28910	4.832	ug/L	0.00
32) Benzene-d6	4.957	84	86405	4.434	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	28010m	4.368	ug/L	0.00
41) Toluene-d8	7.246	98	75093	4.250	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	13016	4.516	ug/L	0.01
47) 2-Hexanone-d5	8.047	63	11155m	8.857	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.149	84	37209	5.161	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	33117	4.947	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	29470	5.289	ug/L	96
3) Chloromethane	1.217	50	28026	5.181	ug/L	93
5) Vinyl chloride	1.285	62	31080	5.359	ug/L	98
6) Bromomethane	1.487	94	16819	5.226	ug/L	92
8) Chloroethane	1.548	64	19532	5.464	ug/L	97
9) Trichlorofluoromethane	1.712	101	41757	5.349	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	24910	5.340	ug/L	97
12) 1,1-Dichloroethene	2.069	96	23188	5.321	ug/L	85
13) Acetone	2.114	43	23468	11.697	ug/L	93
14) Carbon disulfide	2.240	76	76912	5.654	ug/L	99
15) Methyl Acetate	2.372	43	19278	5.506	ug/L	100
16) Methylene chloride	2.446	84	27241	5.521	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	25252	5.478	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	69326	5.242	ug/L	99
19) 1,1-Dichloroethane	3.105	63	47383	5.365	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	26043	5.048	ug/L	92
22) 2-Butanone	3.899	43	23977m	11.116	ug/L	
23) Bromochloromethane	4.150	128	13760	5.156	ug/L	94
25) Chloroform	4.275	83	48937	5.351	ug/L	93
27) 1,2-Dichloroethane	5.043	62	33987	5.265	ug/L	97
29) Cyclohexane	4.574	56	34973	4.947	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	40434	5.272	ug/L	98
31) Carbon tetrachloride	4.725	117	35461	5.318	ug/L	95
33) Benzene	5.008	78	95642	5.093	ug/L	100
34) Trichloroethene	5.834	95	25803	5.159	ug/L	96
35) Methylcyclohexane	6.043	83	38520	5.007	ug/L	97
37) 1,2-Dichloropropane	6.095	63	24073	4.964	ug/L	100
38) Bromodichloromethane	6.433	83	31702	4.890	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	35705	4.612	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	37550m	9.681	ug/L	
42) Toluene	7.317	91	93423	4.799	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037538.D
 Acq On : 26 Sep 2024 11:18
 Operator : SY/MD
 Sample : VSTD00505
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005205

Manual IntegrationsAPPROVED

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

Quant Time: Sep 27 00:17:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:13:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.587	75	31267	4.486	ug/L	96
45) 1,1,2-Trichloroethane	7.770	97	24160	5.188	ug/L	97
46) Tetrachloroethene	7.902	164	19916	5.208	ug/L	97
48) 2-Hexanone	8.088	43	30387m	10.556	ug/L	
49) Dibromochloromethane	8.172	129	25036	5.080	ug/L	96
50) 1,2-Dibromoethane	8.285	107	24901	5.173	ug/L	89
51) Chlorobenzene	8.812	112	69000	5.202	ug/L	98
52) Ethylbenzene	8.944	91	107134	4.889	ug/L	98
53) m,p-Xylene	9.072	106	37376	4.583	ug/L	97
54) o-Xylene	9.474	106	36567	4.592	ug/L	99
55) Styrene	9.497	104	61211	4.416	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	34050	5.245	ug/L	98
59) Bromoform	9.664	173	15867	5.110	ug/L	99
60) Isopropylbenzene	9.863	105	101369	4.908	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	25210	5.577	ug/L	97
62) 1,3,5-Trimethylbenzene	10.471	105	73999	4.532	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	72435	4.458	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	51358	5.166	ug/L	97
65) 1,4-Dichlorobenzene	11.204	146	53410	5.160	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	51181	5.208	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	5881	5.359	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	35799	5.237	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	32710	5.157	ug/L	97
71) Naphthalene	13.439	128	81900	4.942	ug/L	98
72) 1,2,3-Trichlorobenzene	13.677	180	32626	5.209	ug/L	98

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

