

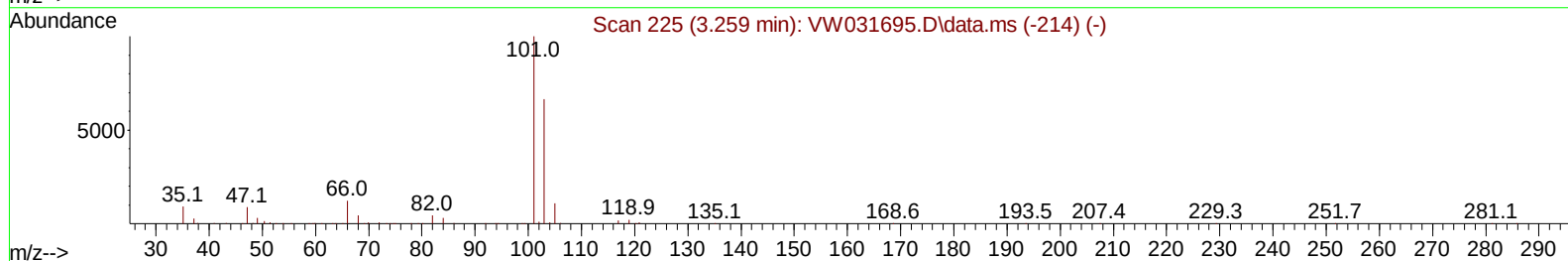
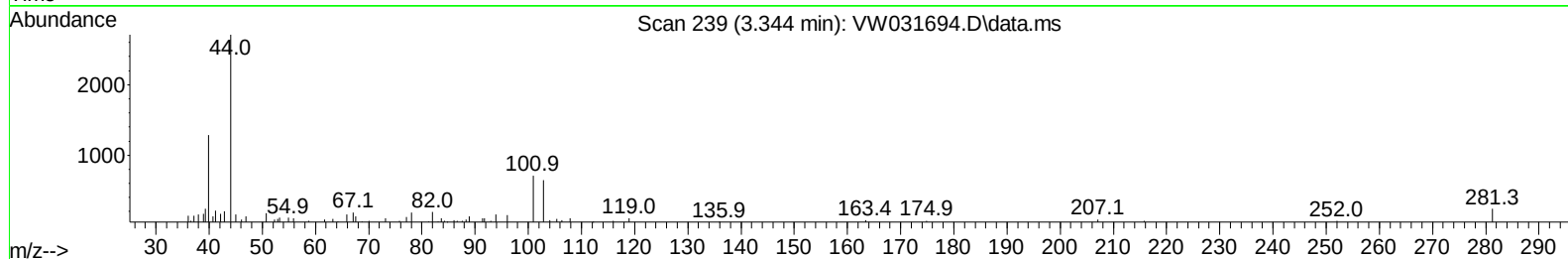
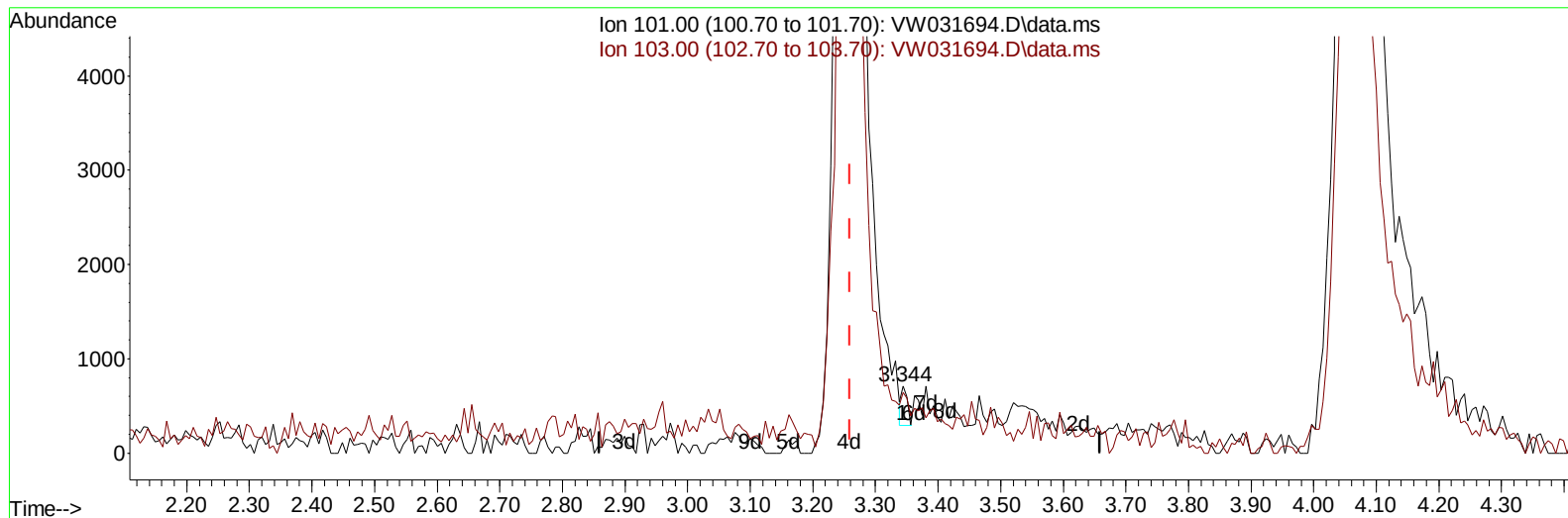
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Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

Quant Time: May 08 15:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration



TIC: VW031694.D\data.ms

(9) Trichlorofluoromethane (T)

3.344min (+ 0.085) 0.03 ug/L

response 262

Ion	Exp%	Act%
101.00	100.00	100.00
103.00	64.80	61.45
0.00	0.00	0.00
0.00	0.00	0.00

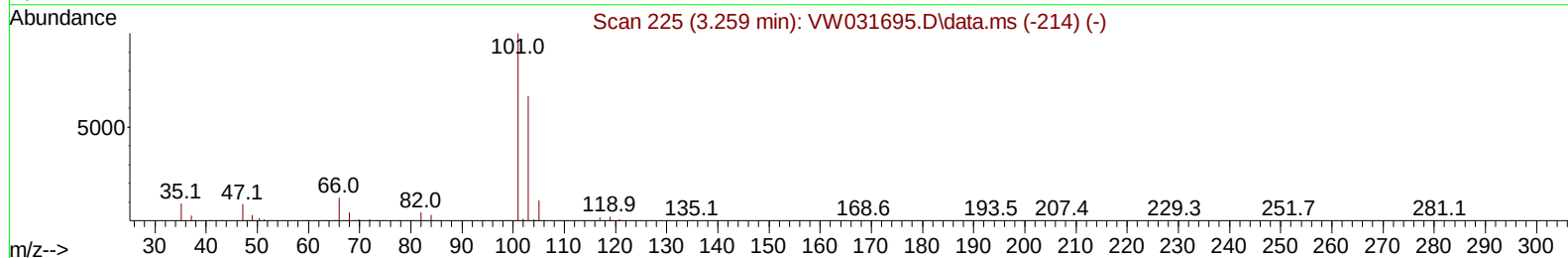
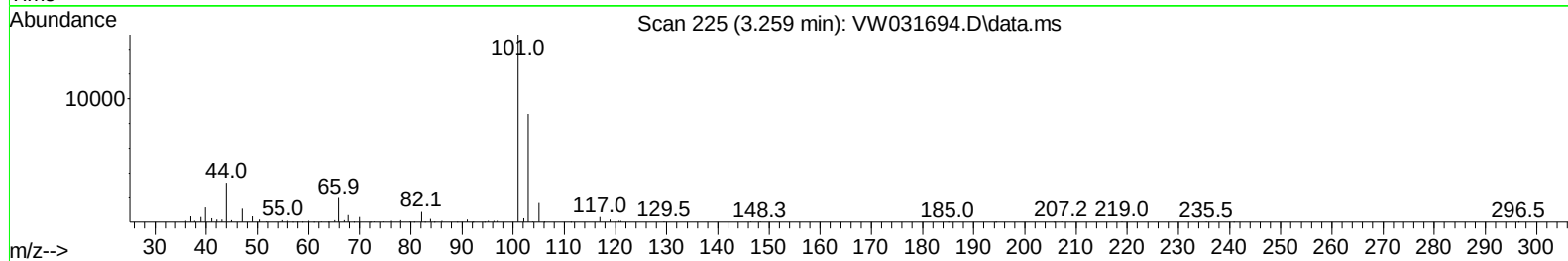
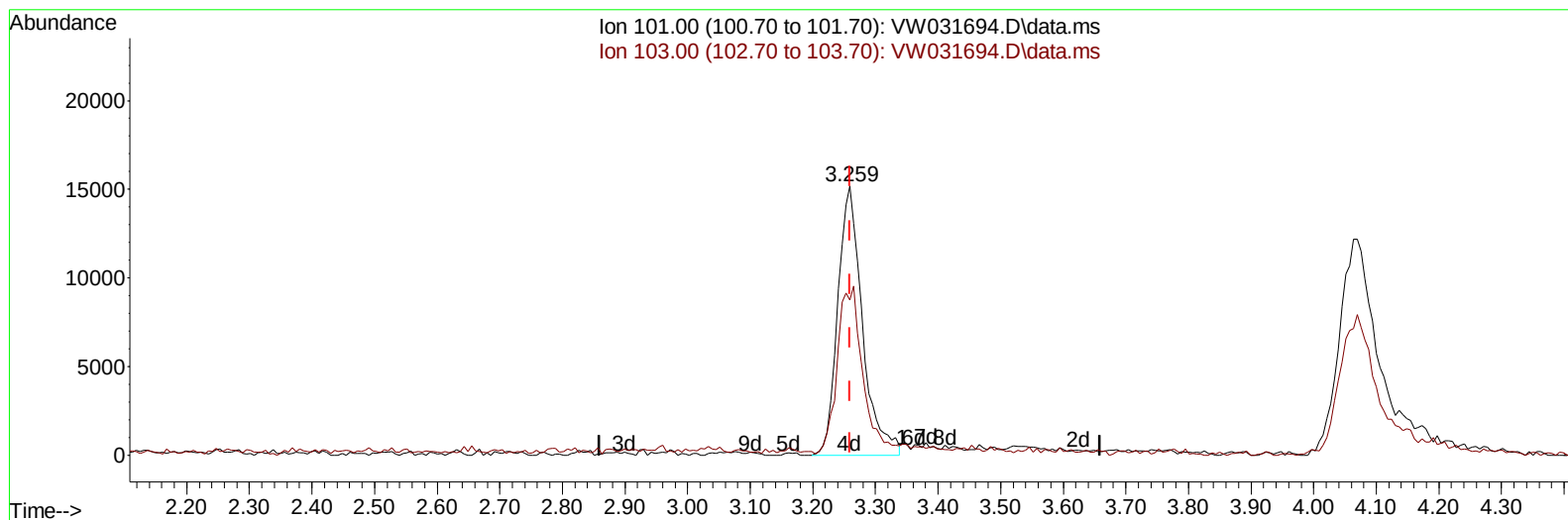
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
 Data File : VW031694.D
 Acq On : 08 May 2025 10:50
 Operator : SY/MD
 Sample : VSTD005465
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005465

Manual IntegrationsAPPROVED

Quant Time: May 08 15:23:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 08 14:31:59 2025
 Response via : Initial Calibration

Reviewed By :Amit Patel 05/08/2025
 Supervised By :Mahesh Dadoda 05/12/2025



TIC: VW031694.D\data.ms

(9) Trichlorofluoromethane (T)

3.259min (-0.000) 4.63 ug/L m

response 41585

Ion	Exp%	Act%
101.00	100.00	100.00
103.00	64.80	0.39#
0.00	0.00	0.00
0.00	0.00	0.00

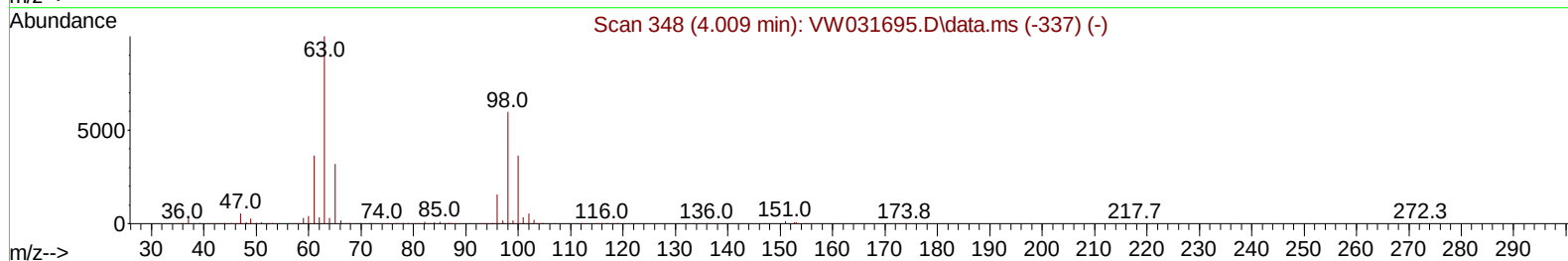
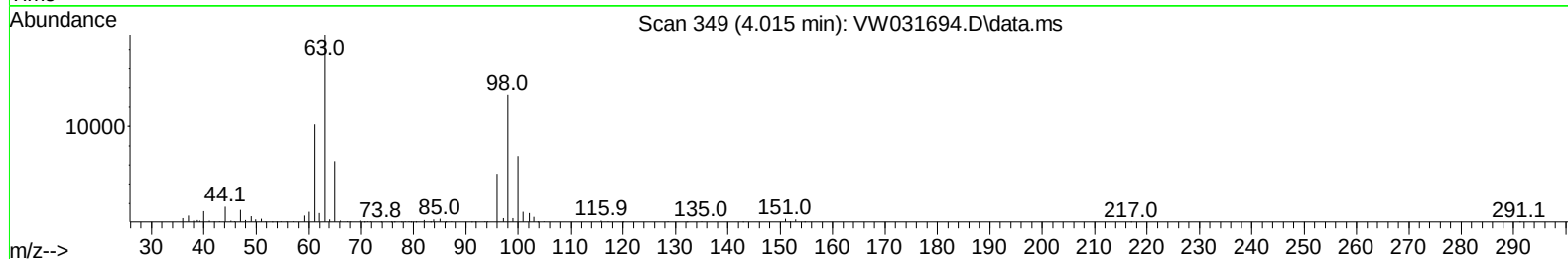
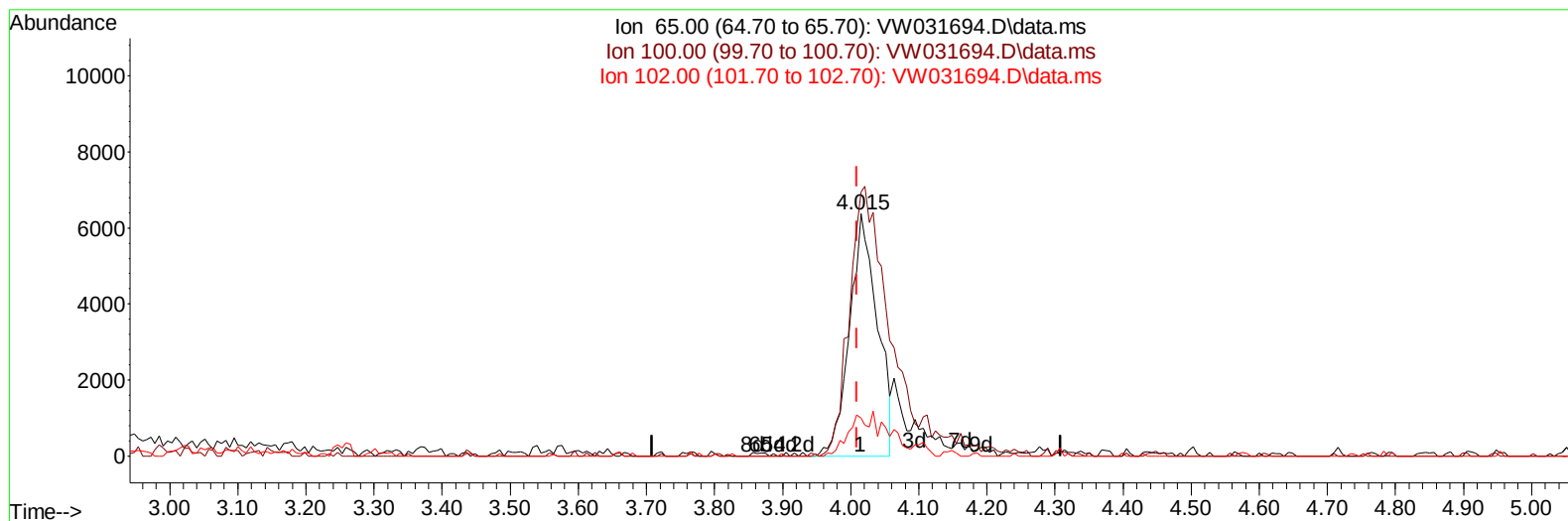
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

Quant Time: May 08 15:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration



TIC: VW031694.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

4.015min (+ 0.006) 3.78 ug/L

response 18064

Ion	Exp%	Act%
65.00	100.00	100.00
100.00	132.80	152.95
102.00	11.80	12.29
0.00	0.00	0.00

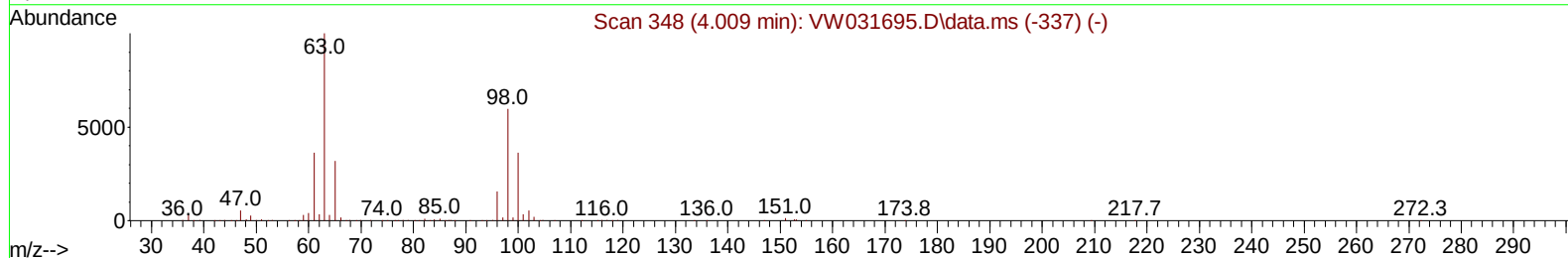
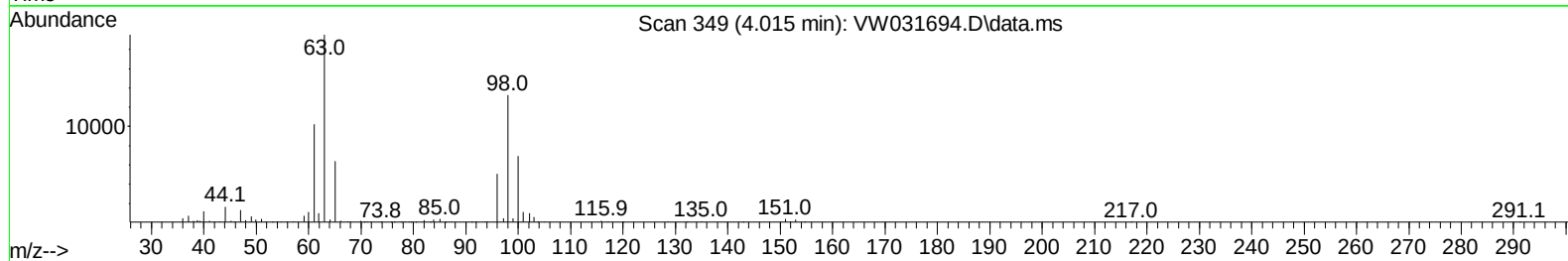
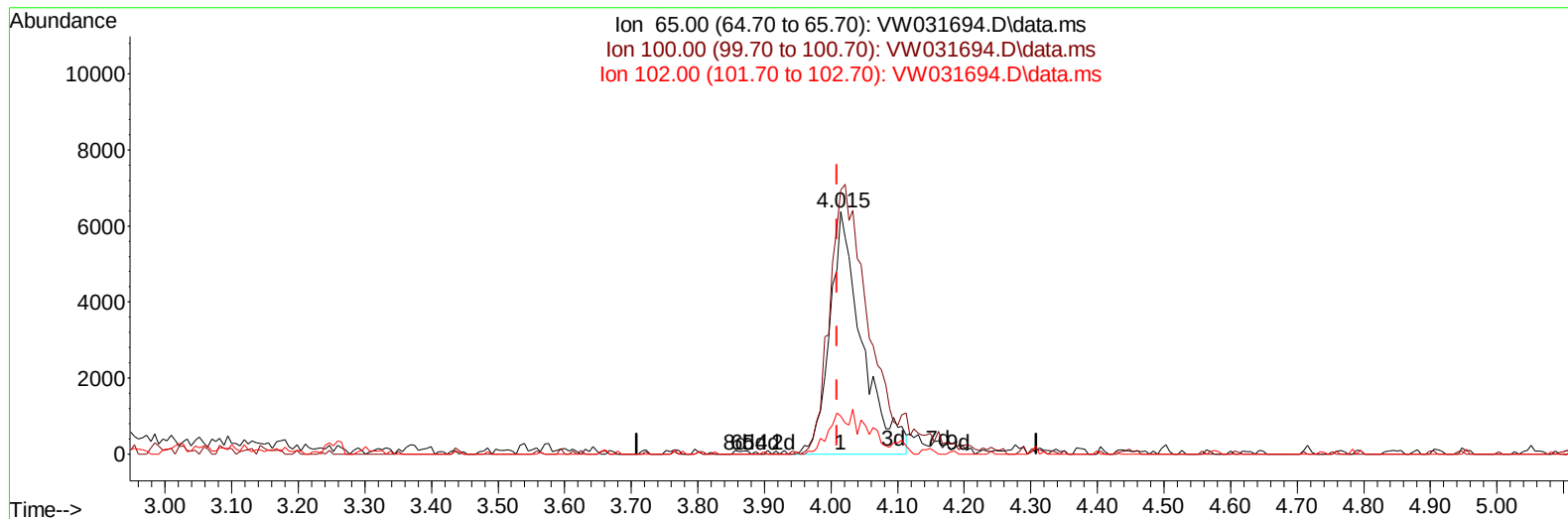
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Quant Time: May 08 15:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration

Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



TIC: VW031694.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

4.015min (+ 0.006) 4.46 ug/L m

response 21326

Ion	Exp%	Act%
65.00	100.00	100.00
100.00	132.80	129.56
102.00	11.80	10.41
0.00	0.00	0.00

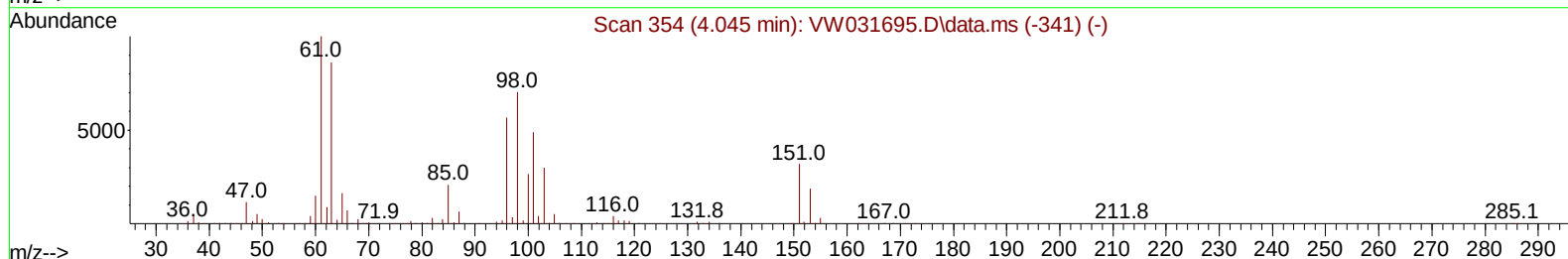
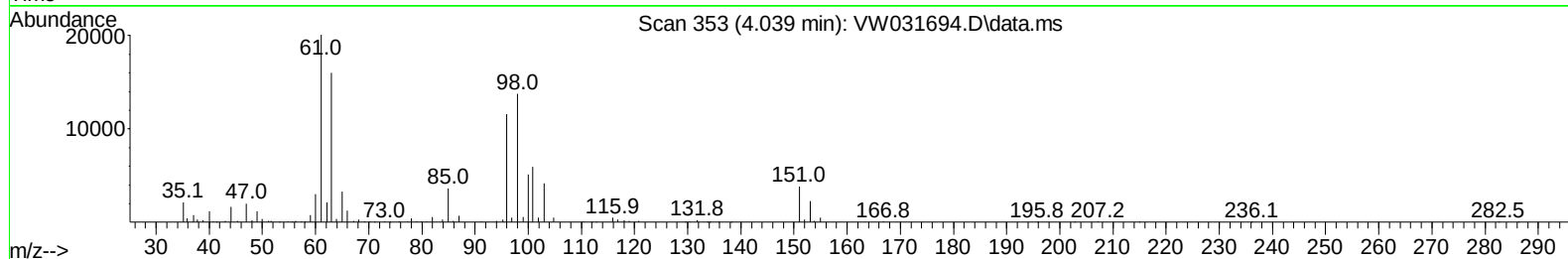
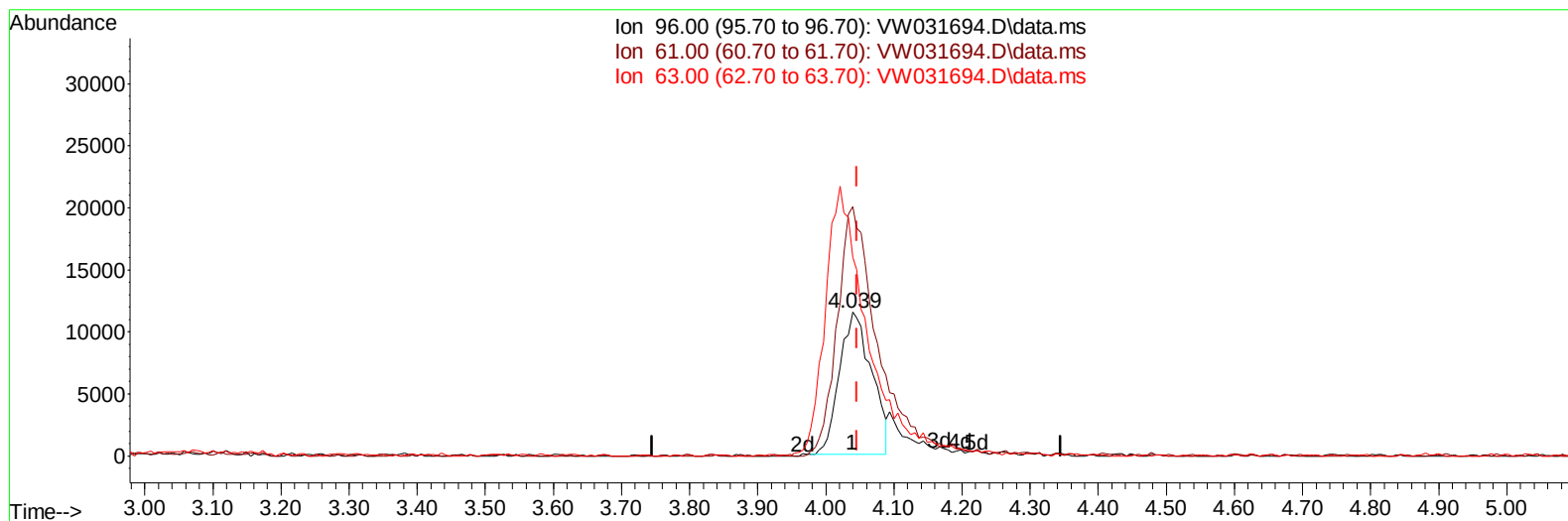
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

Quant Time: May 08 15:23:20 2025
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Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
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TIC: VW031694.D\data.ms

(12) 1,1-Dichloroethene (T)

4.039min (-0.006) 4.09 ug/L

response 37722

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	177.80	173.13
63.00	157.40	138.01
0.00	0.00	0.00

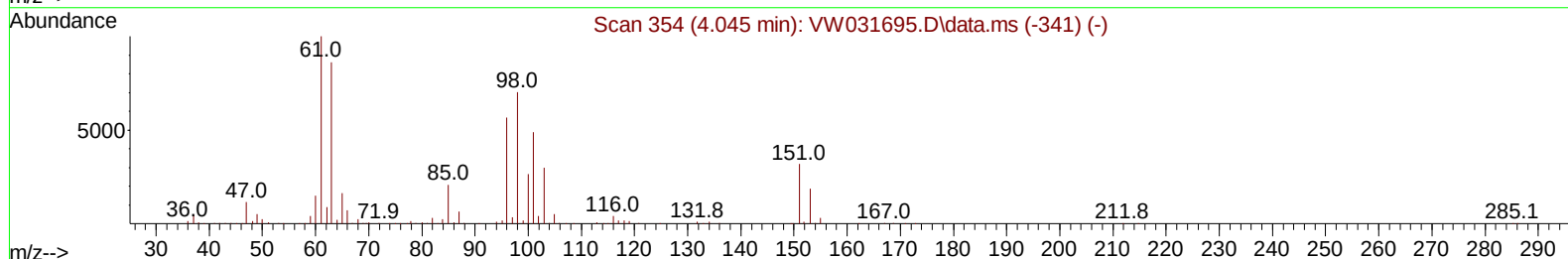
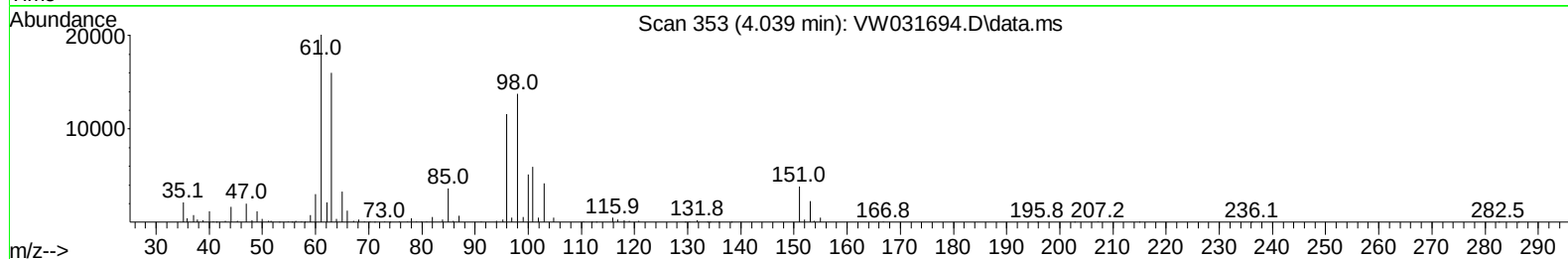
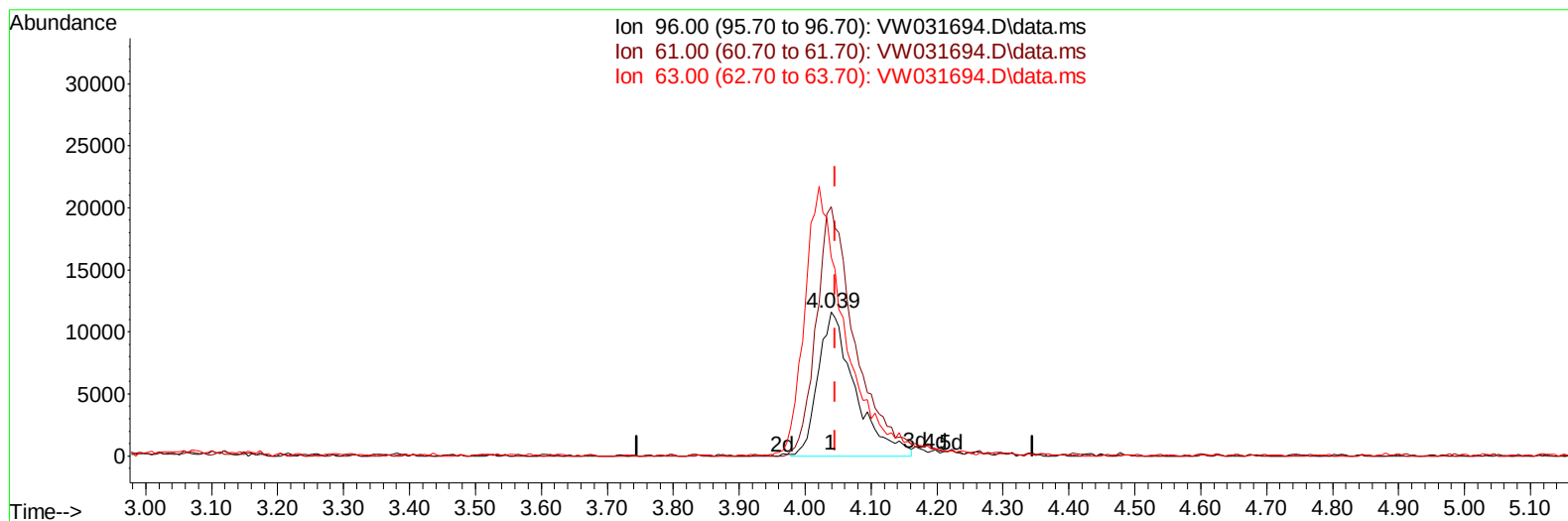
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Quant Time: May 08 15:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration

Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



TIC: VW031694.D\data.ms

(12) 1,1-Dichloroethene (T)

4.039min (-0.006) 4.90 ug/L m

response 45177

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	177.80	173.13
63.00	157.40	138.01
0.00	0.00	0.00

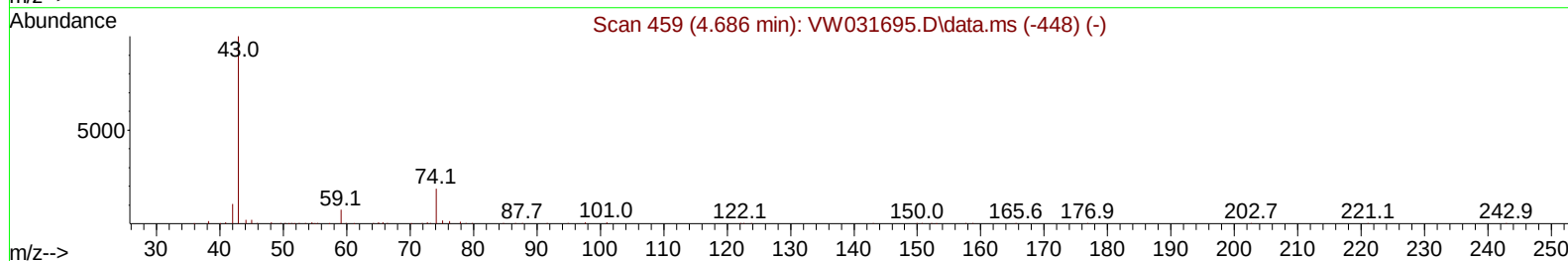
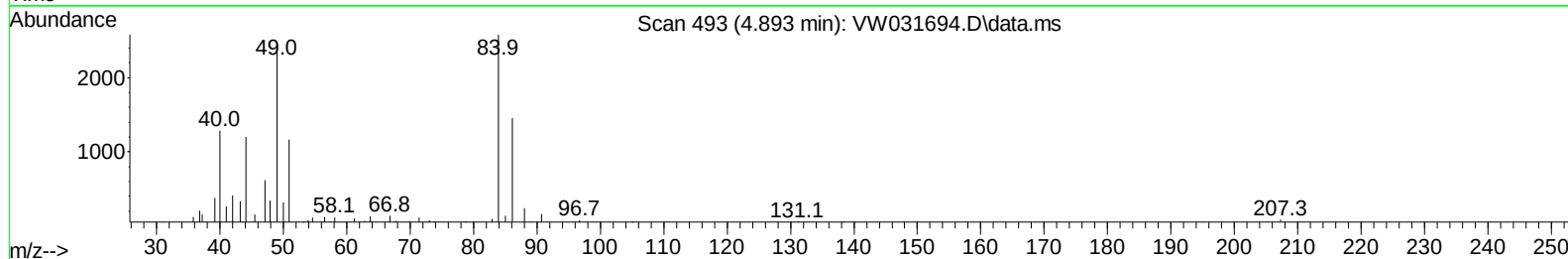
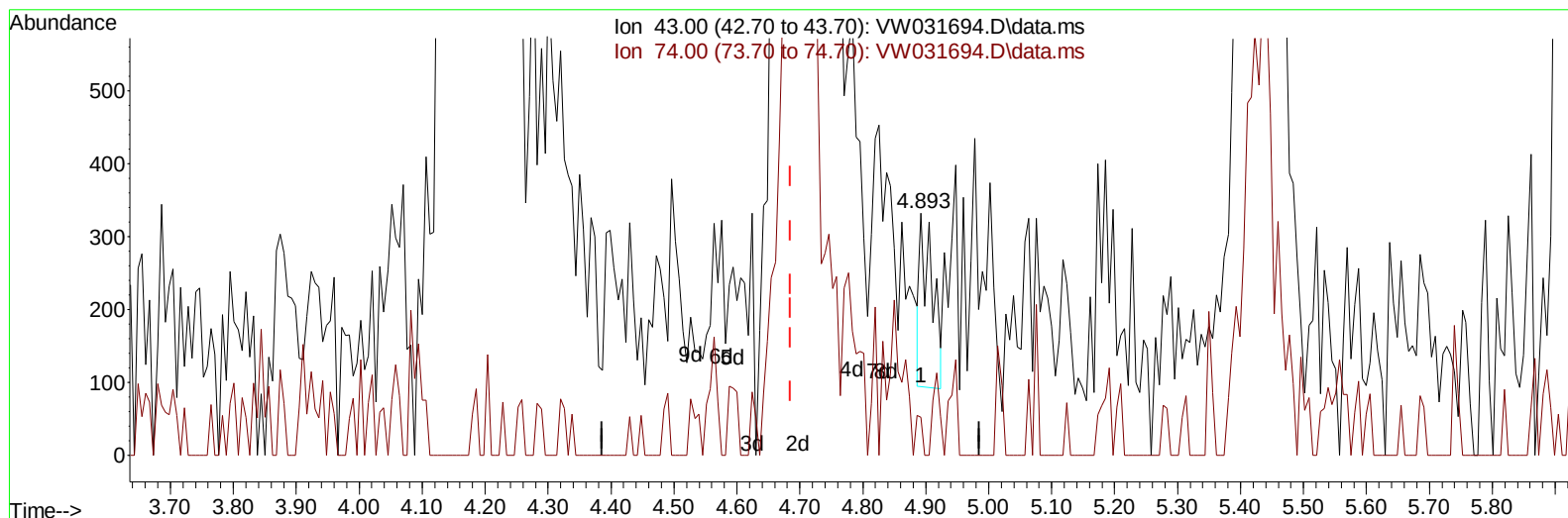
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Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Quant Time: May 08 15:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
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Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



TIC: VW031694.D\data.ms

(15) Methyl Acetate (T)

4.893min (+ 0.207) 0.10 ug/L

response 319

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	10.90	12.23
0.00	0.00	0.00
0.00	0.00	0.00

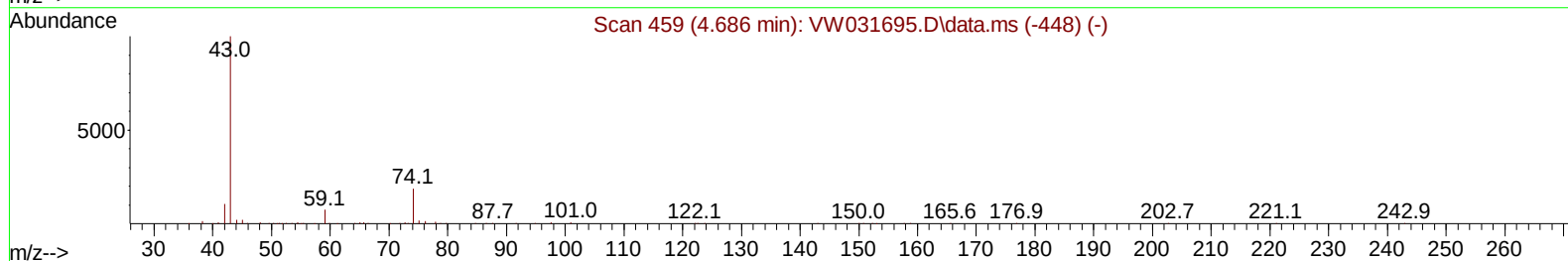
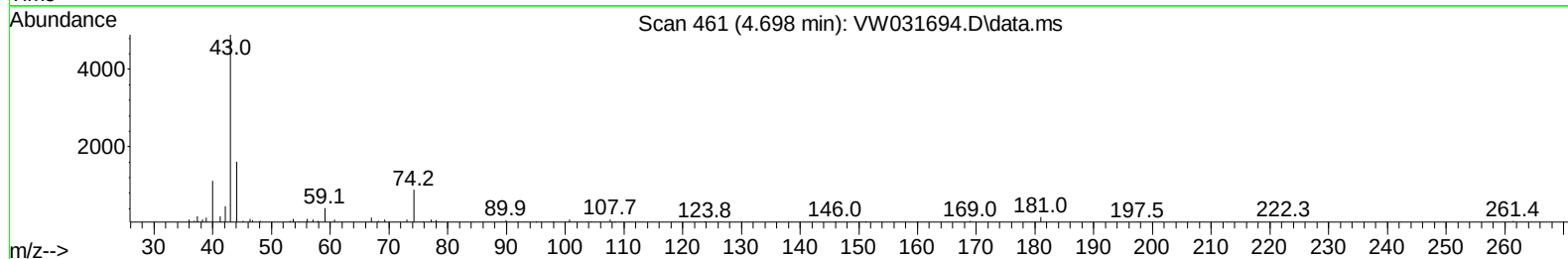
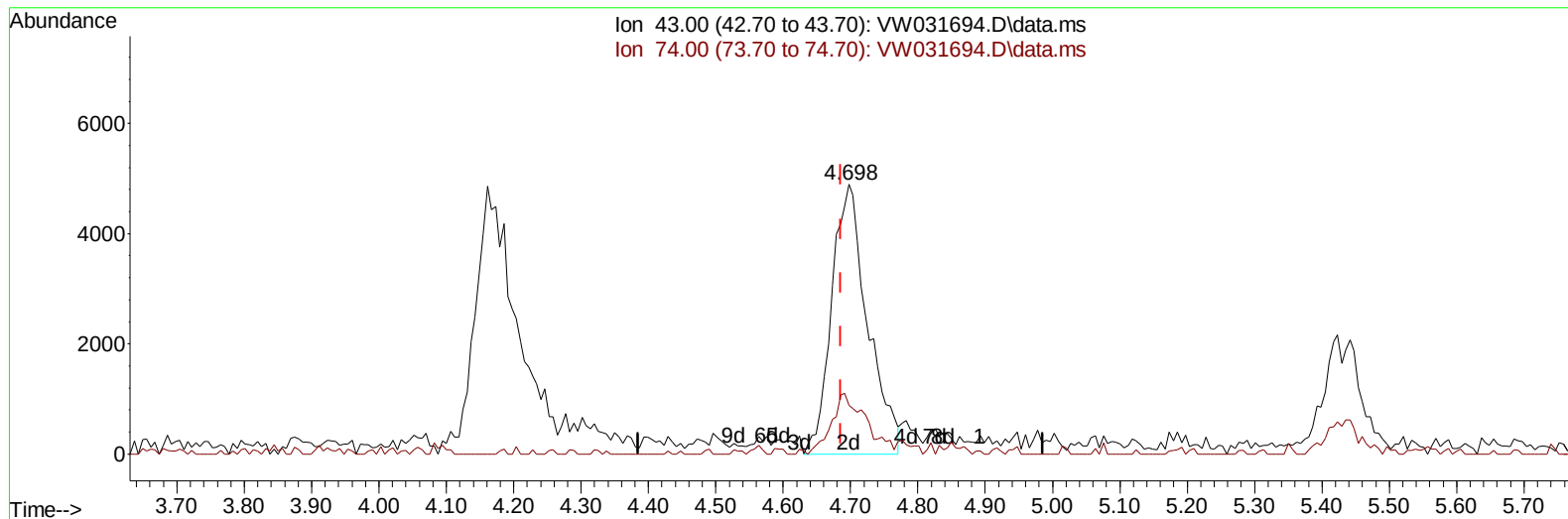
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Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Quant Time: May 08 15:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration

Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



TIC: VW031694.D\data.ms

(15) Methyl Acetate (T)

4.698min (+ 0.012) 5.85 ug/L m

response 18148

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	10.90	0.21#
0.00	0.00	0.00
0.00	0.00	0.00

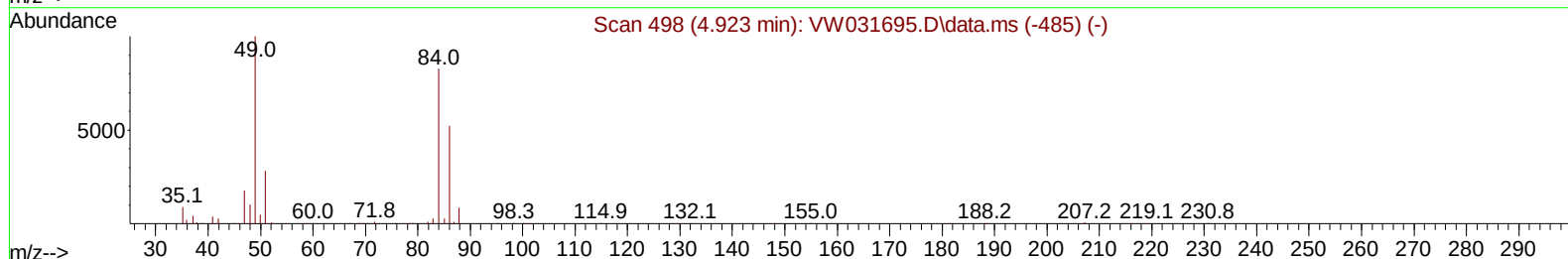
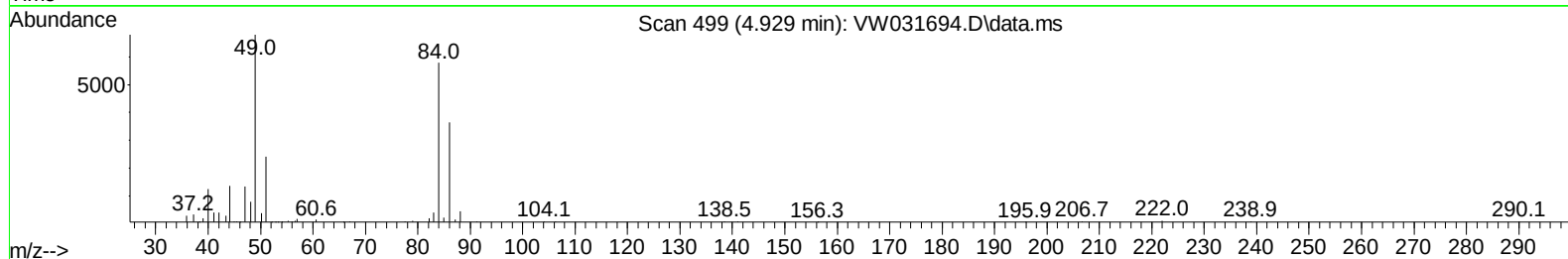
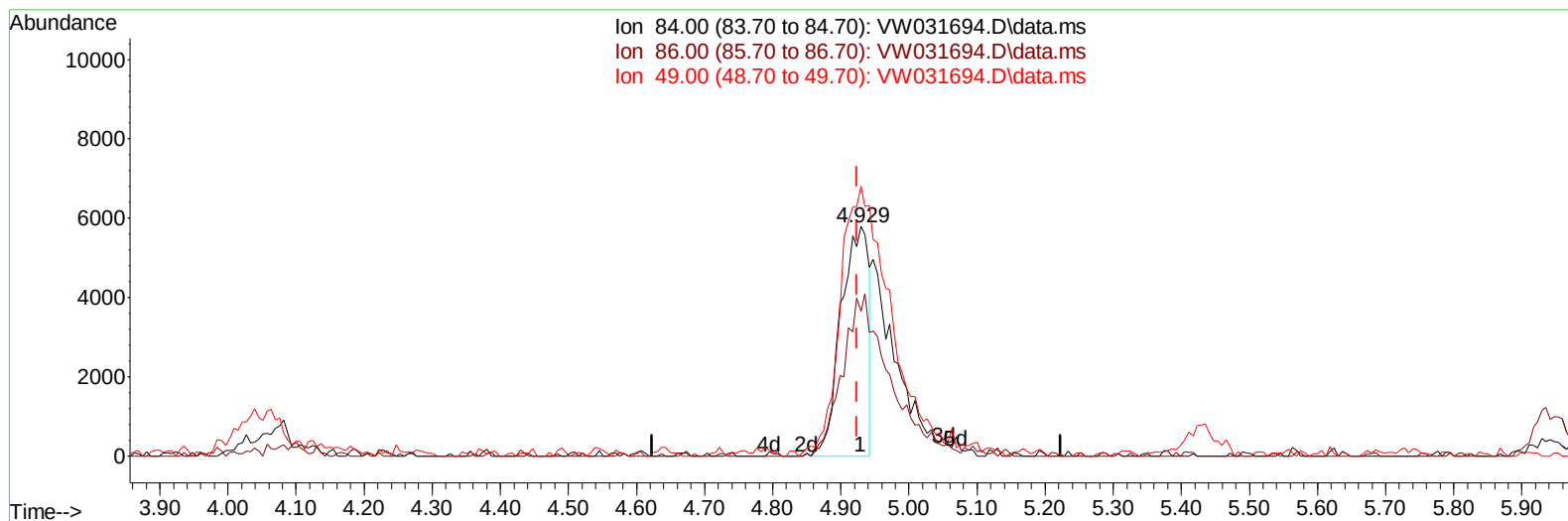
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Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

Quant Time: May 08 15:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration



TIC: VW031694.D\data.ms

(16) Methylene chloride (T)

4.929min (+ 0.006) 3.25 ug/L

response 16292

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	63.20	63.02
49.00	121.60	117.49
0.00	0.00	0.00

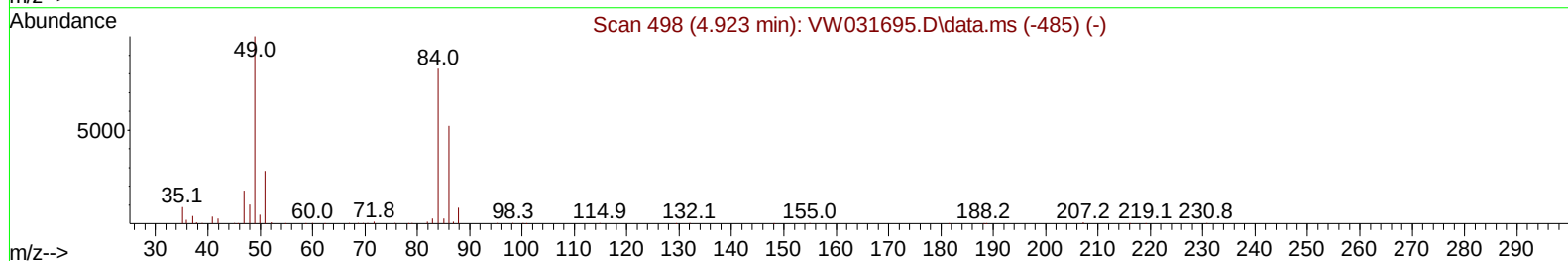
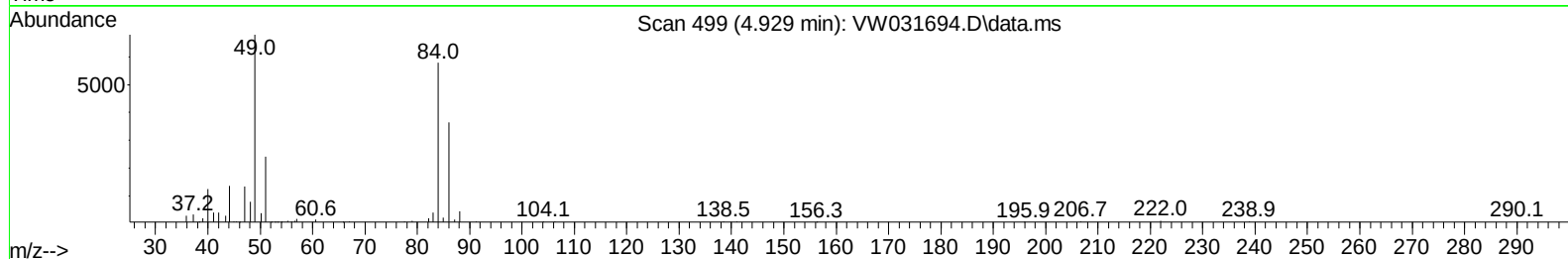
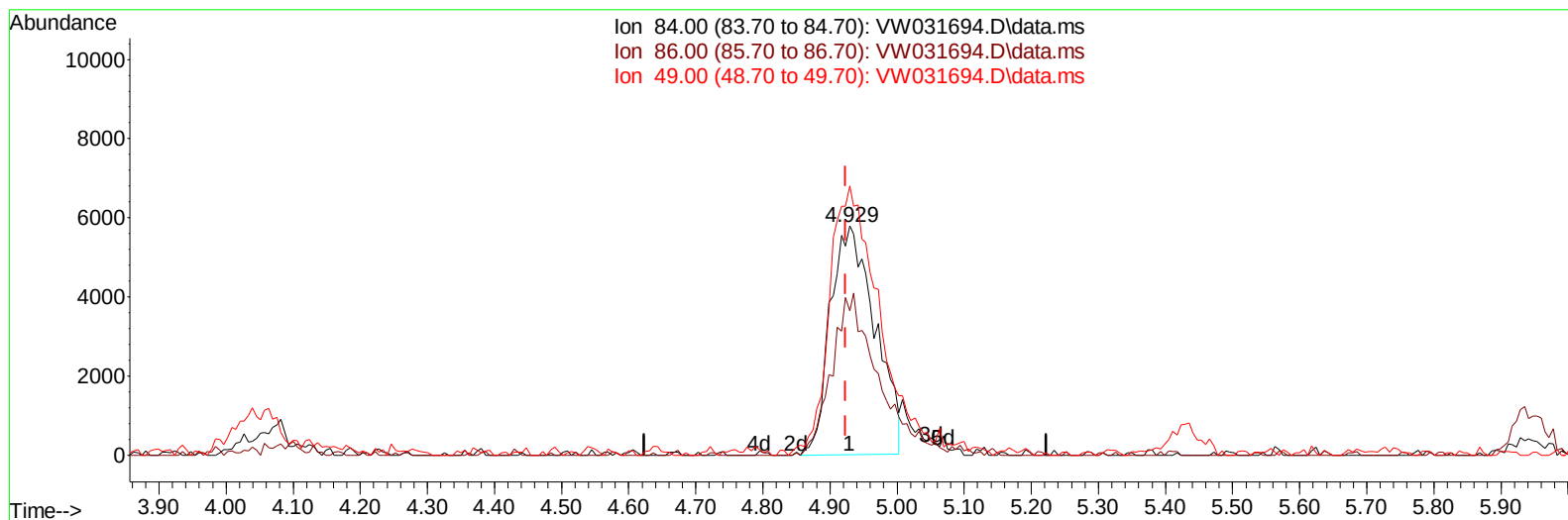
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Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

Quant Time: May 08 15:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration



TIC: VW031694.D\data.ms

(16) Methylene chloride (T)

4.929min (+ 0.006) 5.34 ug/L m

response 26776

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	63.20	63.02
49.00	121.60	117.49
0.00	0.00	0.00

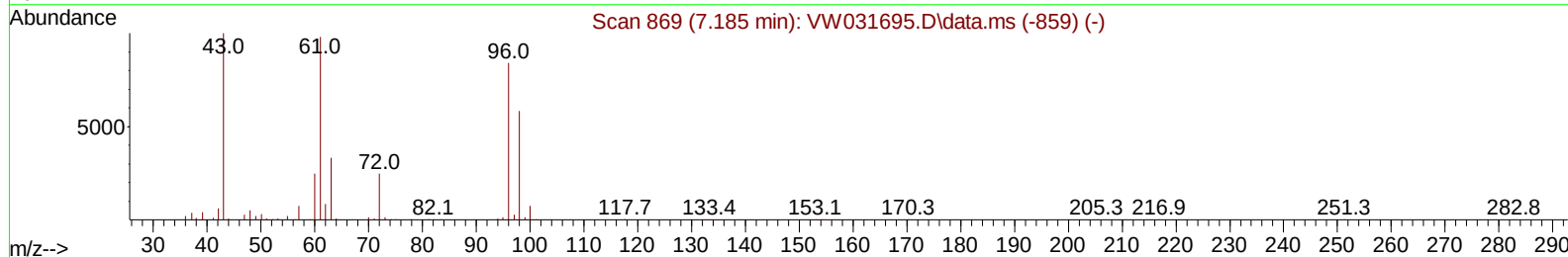
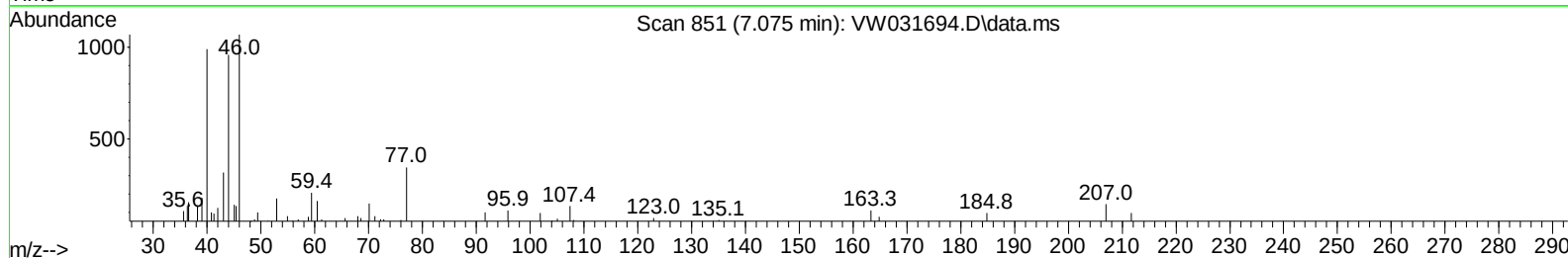
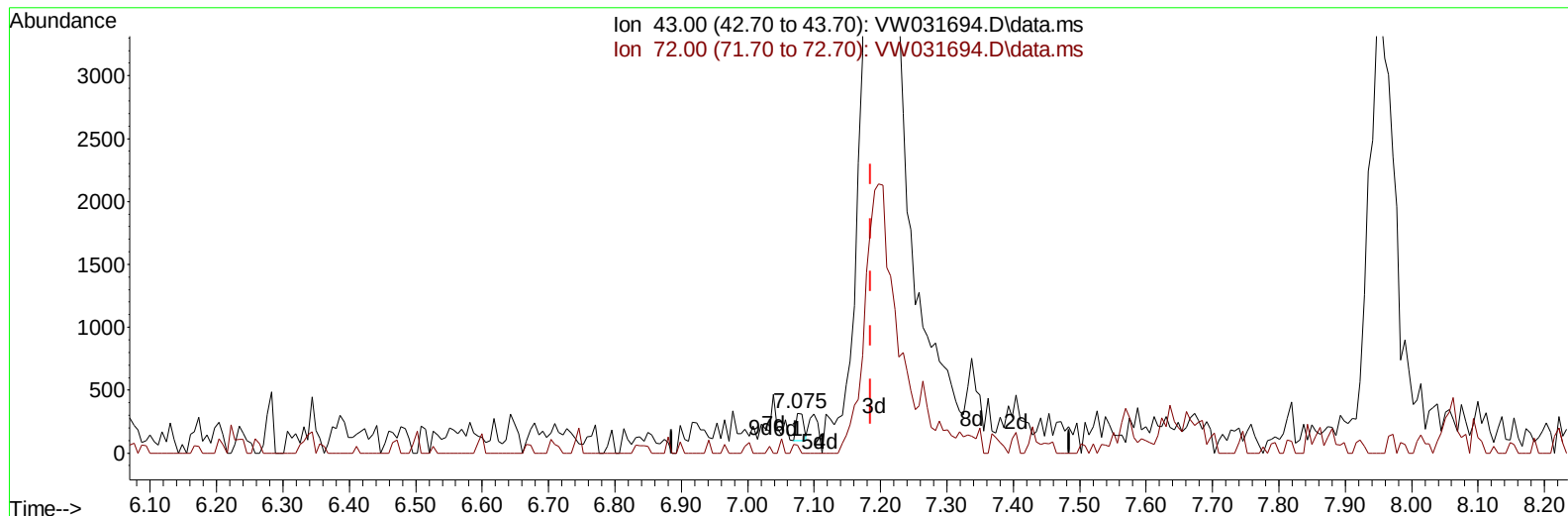
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Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

Quant Time: May 08 15:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration



TIC: VW031694.D\data.ms

(22) 2-Butanone (T)

7.075min (-0.110) 0.07 ug/L

response 167

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	27.40	28.74
0.00	0.00	0.00
0.00	0.00	0.00

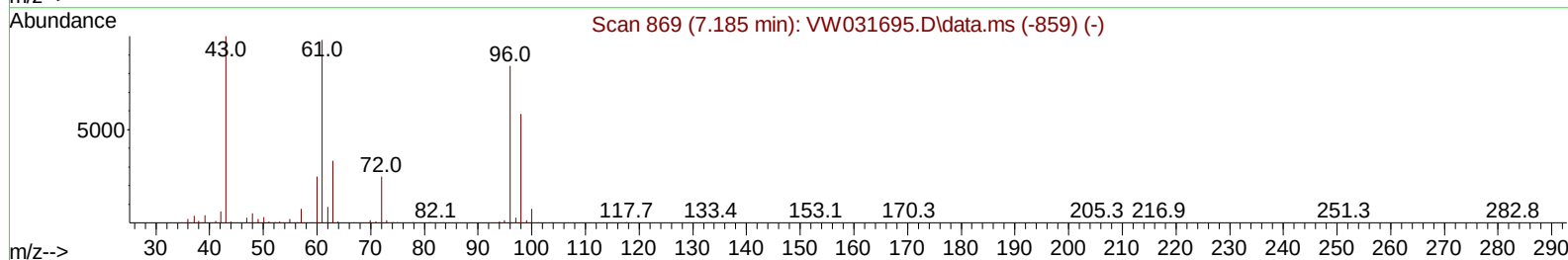
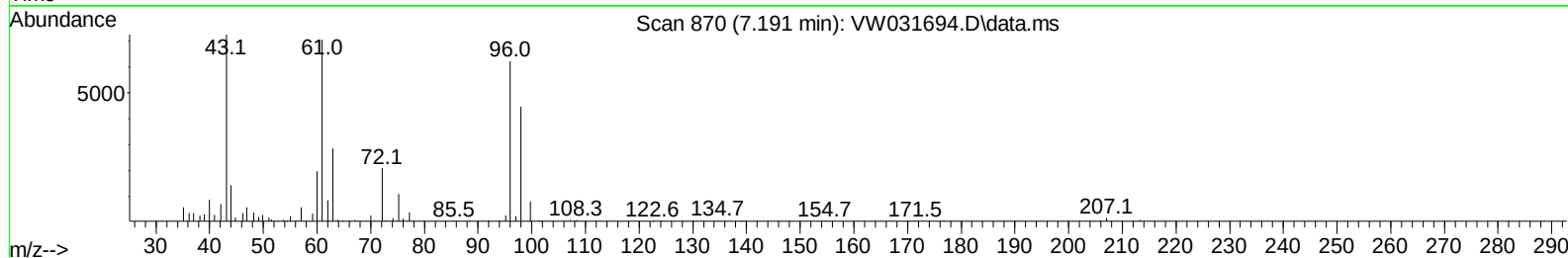
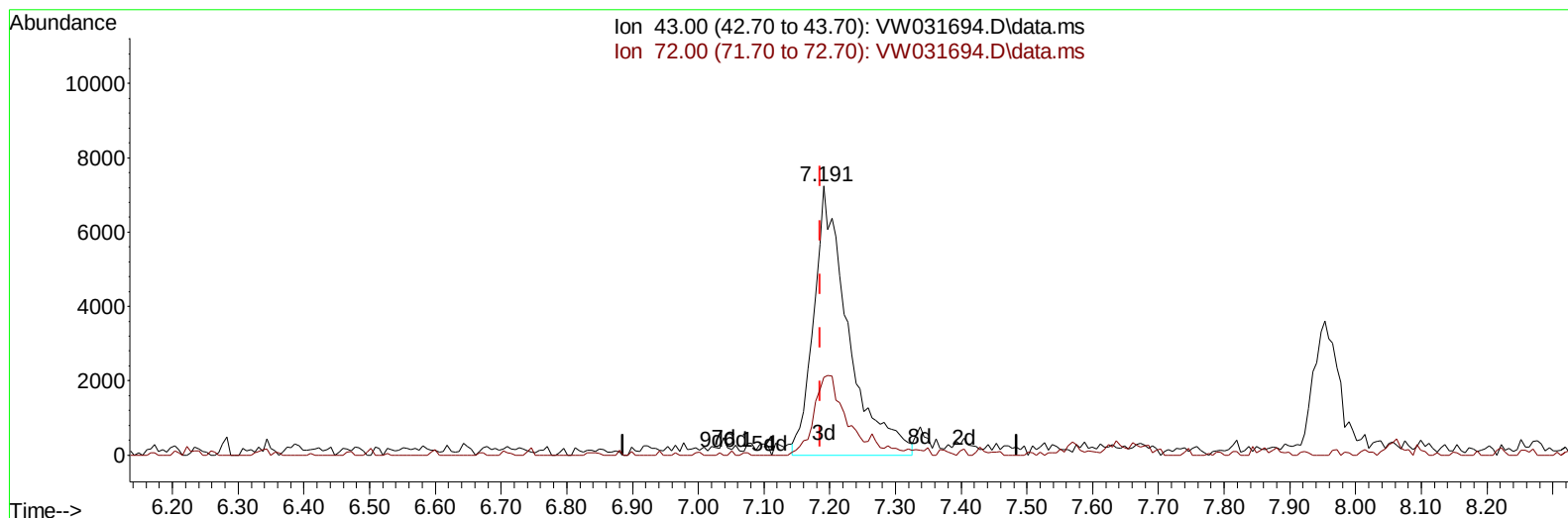
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Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Quant Time: May 08 15:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration

Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



TIC: VW031694.D\data.ms

(22) 2-Butanone (T)

7.191min (+ 0.006) 10.51 ug/L m

response 26261

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	27.40	0.18#
0.00	0.00	0.00
0.00	0.00	0.00

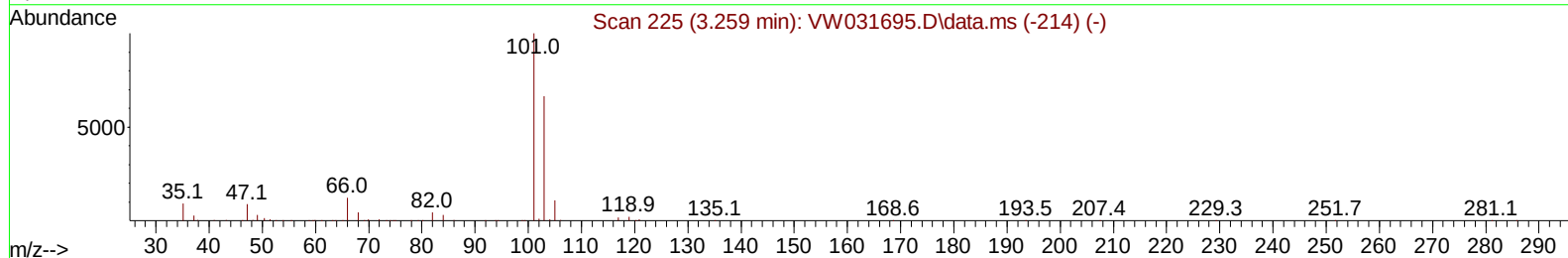
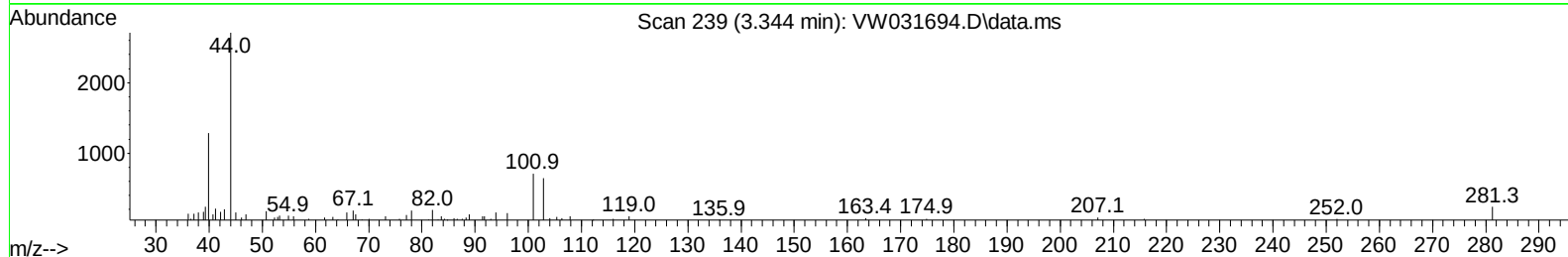
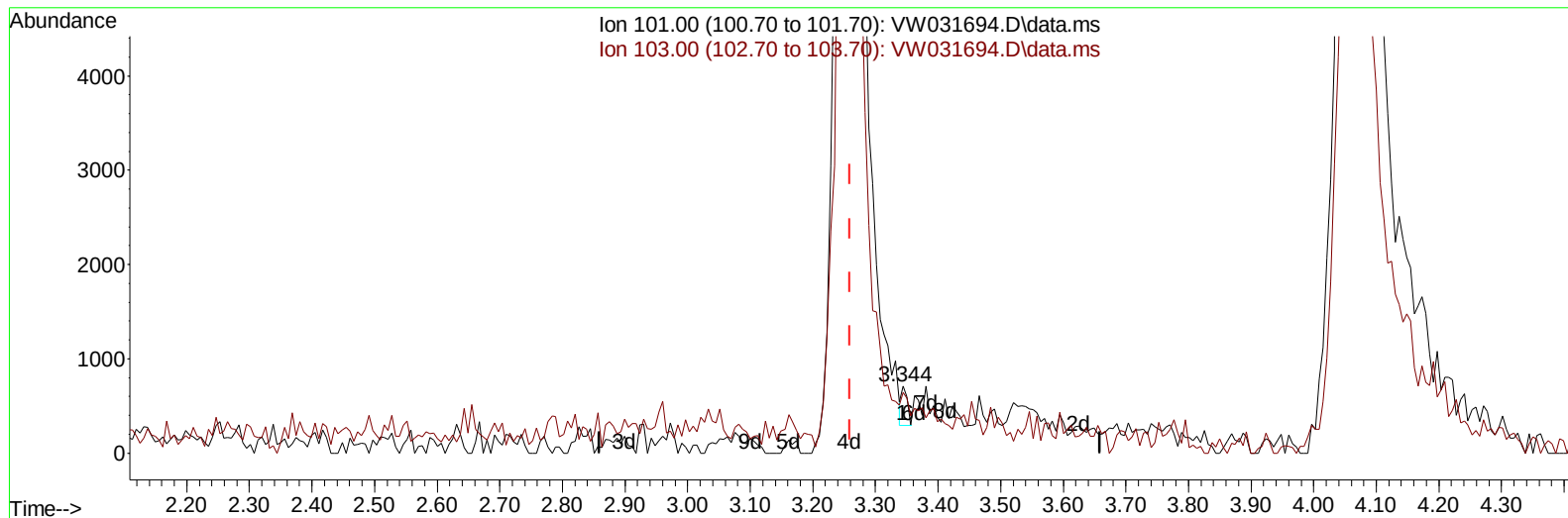
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

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Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration



TIC: VW031694.D\data.ms

(9) Trichlorofluoromethane (T)

3.344min (+ 0.085) 0.03 ug/L

response 262

Ion	Exp%	Act%
101.00	100.00	100.00
103.00	64.80	61.45
0.00	0.00	0.00
0.00	0.00	0.00

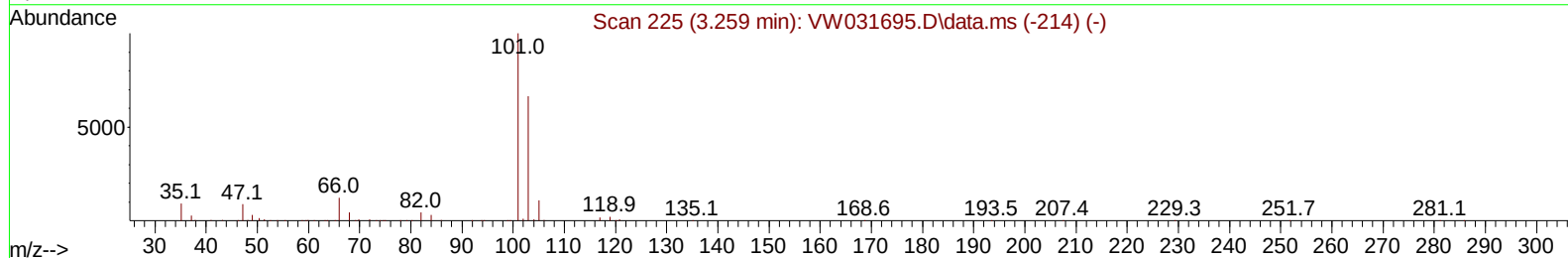
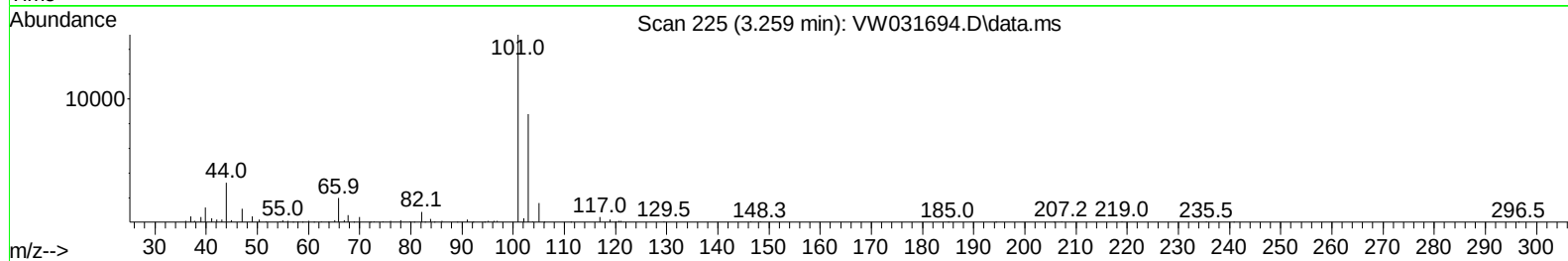
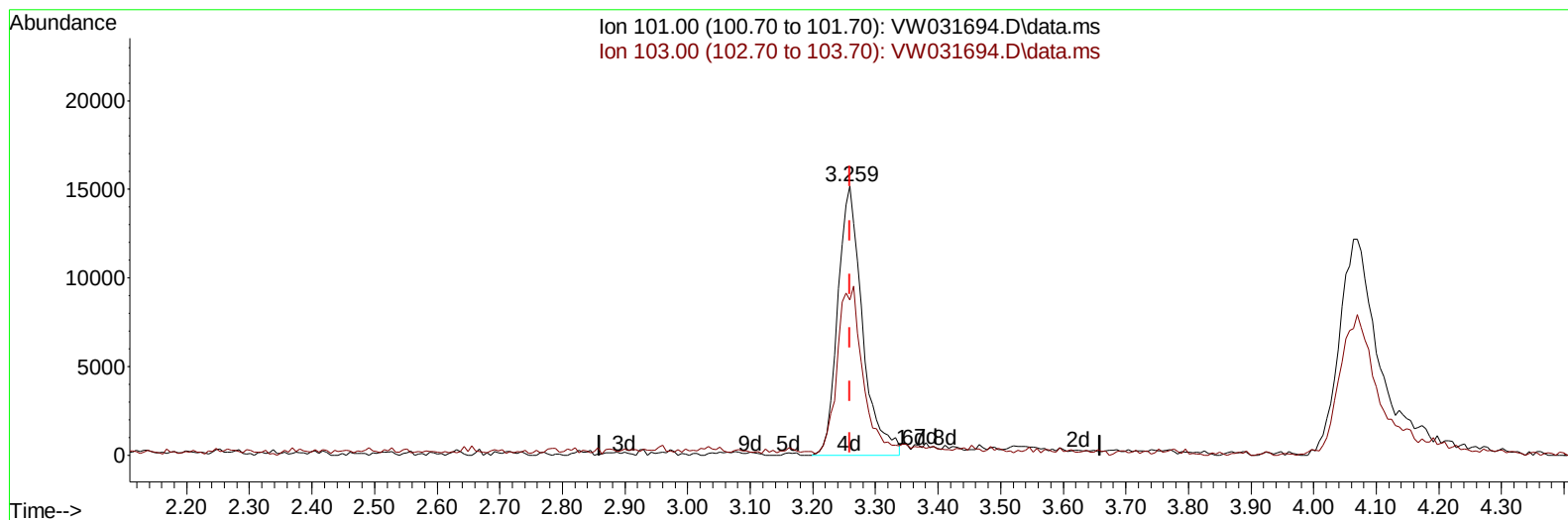
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 Acq On : 08 May 2025 10:50
 Operator : SY/MD
 Sample : VSTD005465
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005465

Manual IntegrationsAPPROVED

Quant Time: May 08 15:23:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 08 14:31:59 2025
 Response via : Initial Calibration

Reviewed By :Amit Patel 05/08/2025
 Supervised By :Mahesh Dadoda 05/12/2025



TIC: VW031694.D\data.ms

(9) Trichlorofluoromethane (T)

3.259min (-0.000) 4.63 ug/L m

response 41585

Ion	Exp%	Act%
101.00	100.00	100.00
103.00	64.80	0.39#
0.00	0.00	0.00
0.00	0.00	0.00

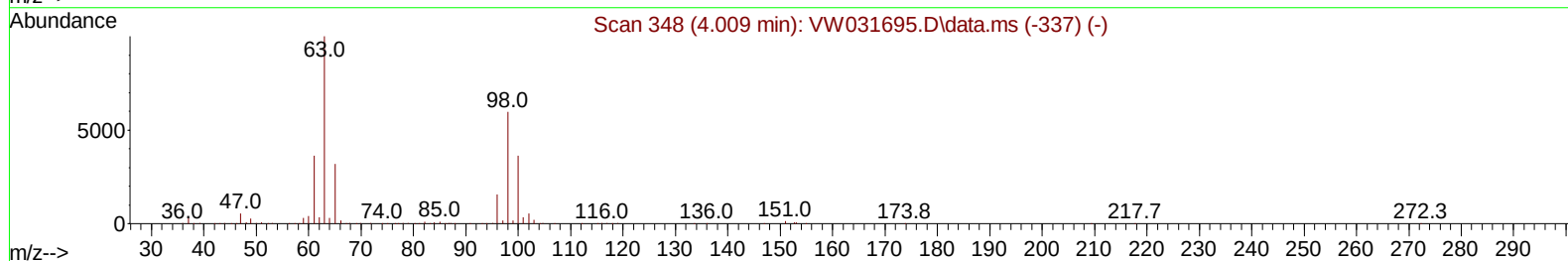
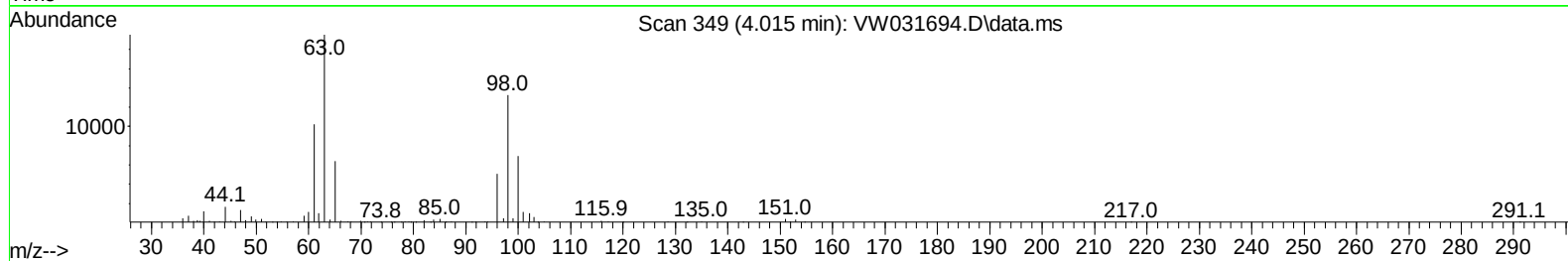
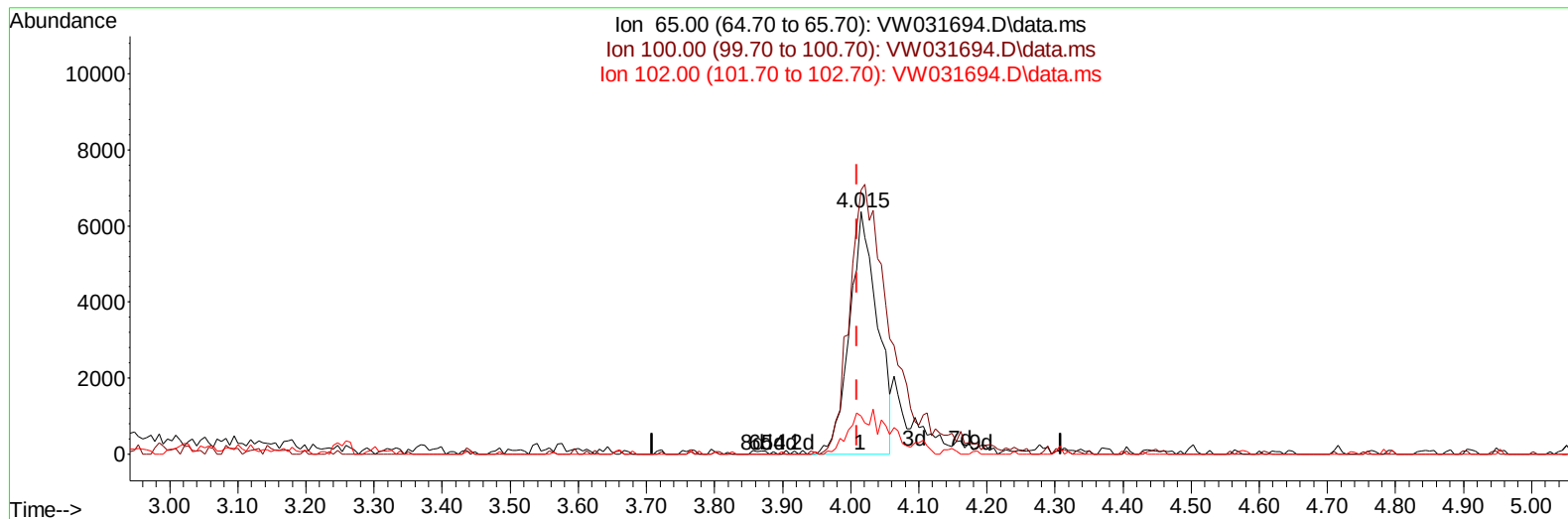
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Quant Time: May 08 15:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration

Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



TIC: VW031694.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

4.015min (+ 0.006) 3.78 ug/L

response 18064

Ion	Exp%	Act%
65.00	100.00	100.00
100.00	132.80	152.95
102.00	11.80	12.29
0.00	0.00	0.00

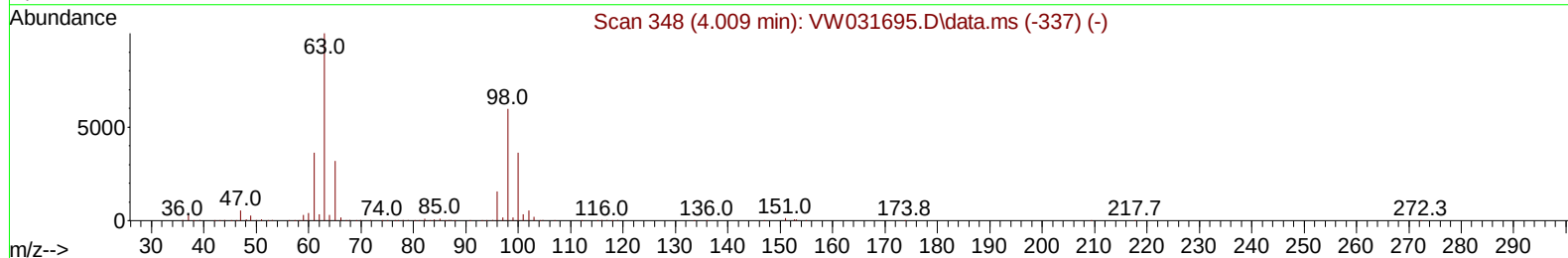
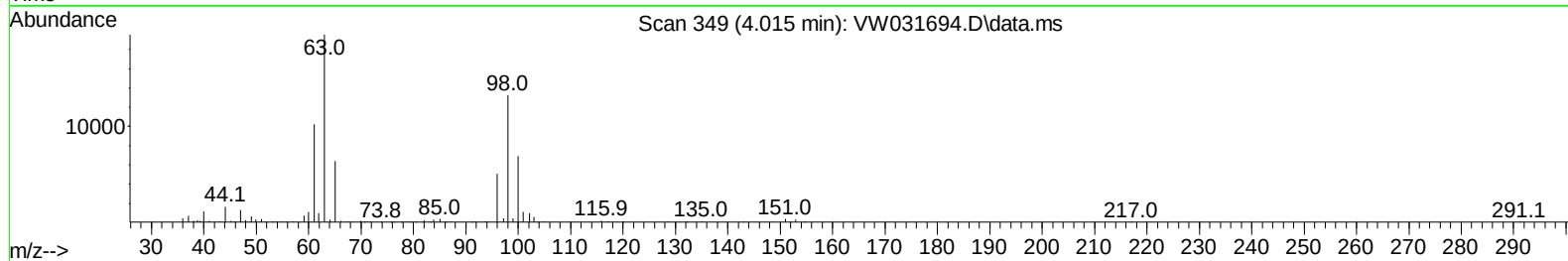
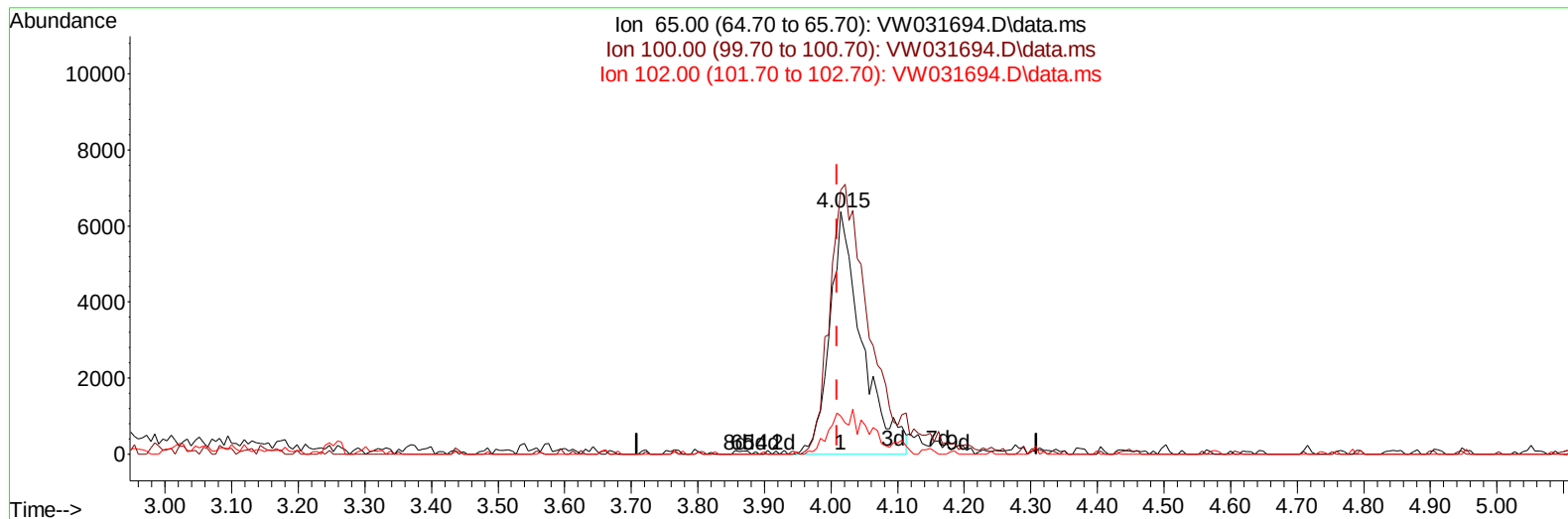
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Quant Time: May 08 15:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration

Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



TIC: VW031694.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

4.015min (+ 0.006) 4.46 ug/L m

response 21326

Ion	Exp%	Act%
65.00	100.00	100.00
100.00	132.80	129.56
102.00	11.80	10.41
0.00	0.00	0.00

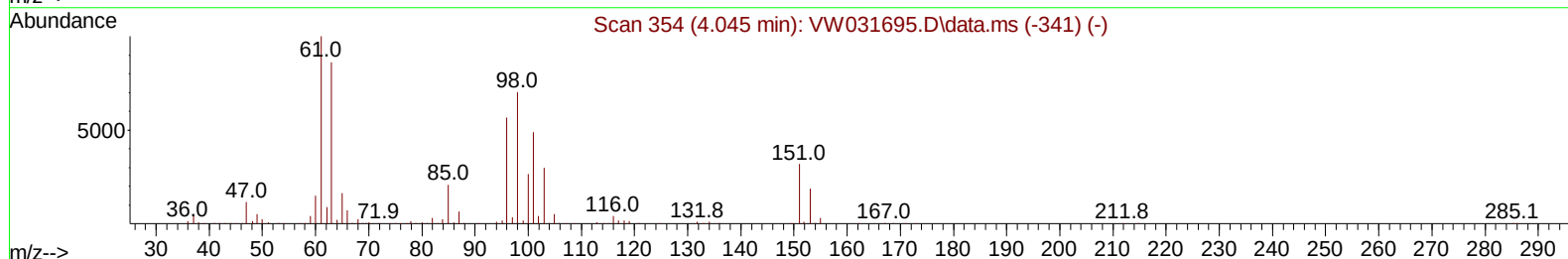
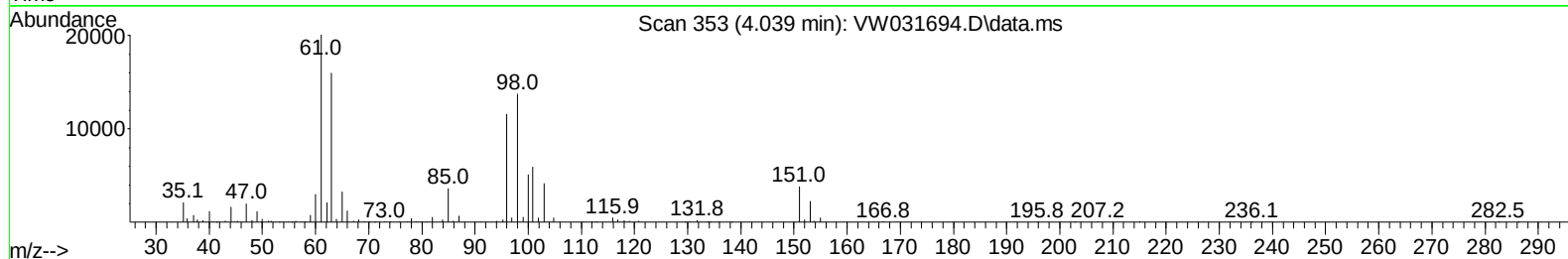
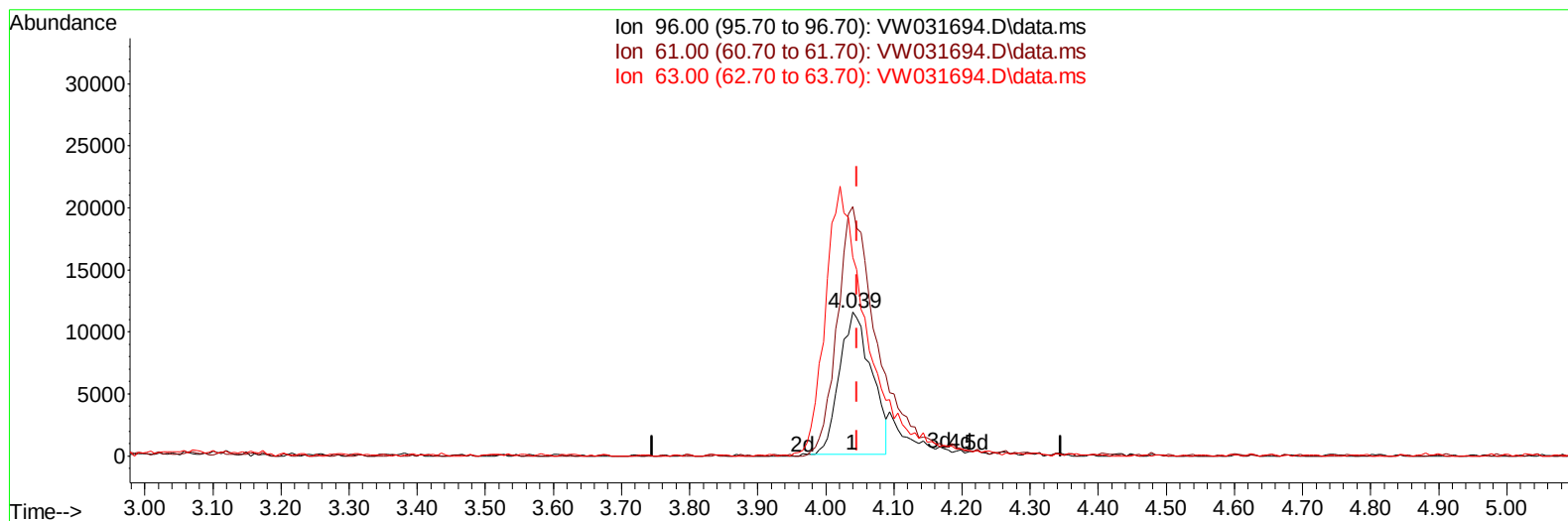
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Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

Quant Time: May 08 15:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration



TIC: VW031694.D\data.ms

(12) 1,1-Dichloroethene (T)

4.039min (-0.006) 4.09 ug/L

response 37722

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	177.80	173.13
63.00	157.40	138.01
0.00	0.00	0.00

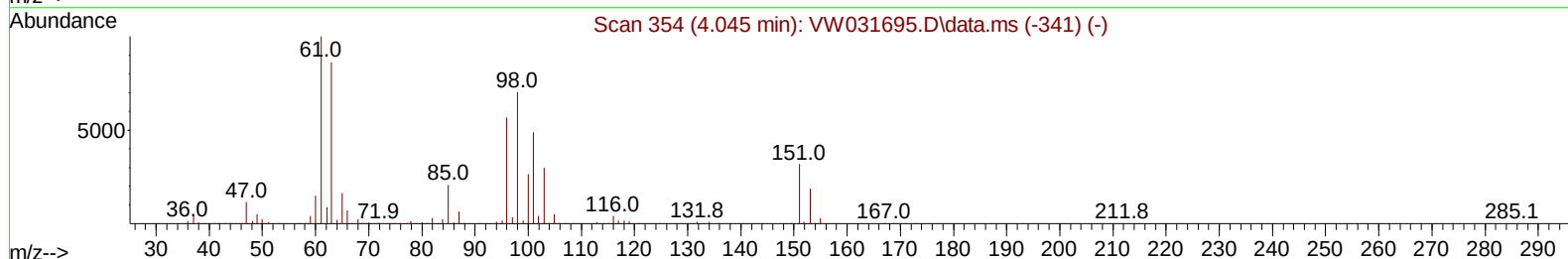
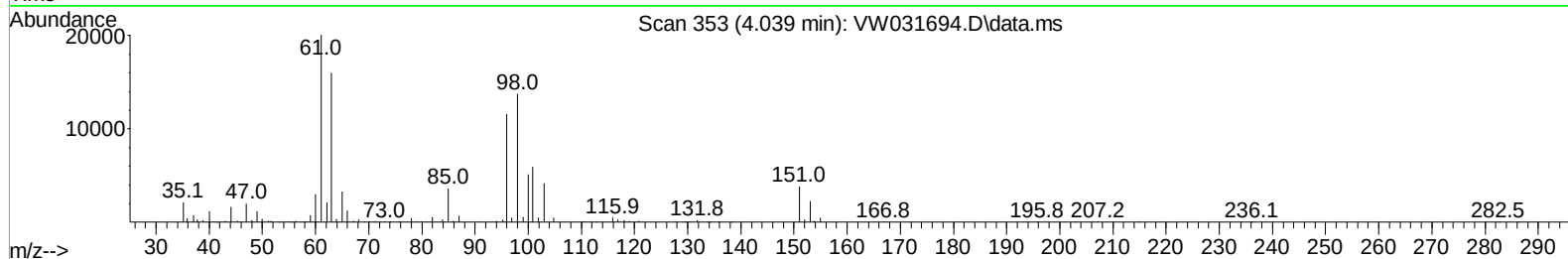
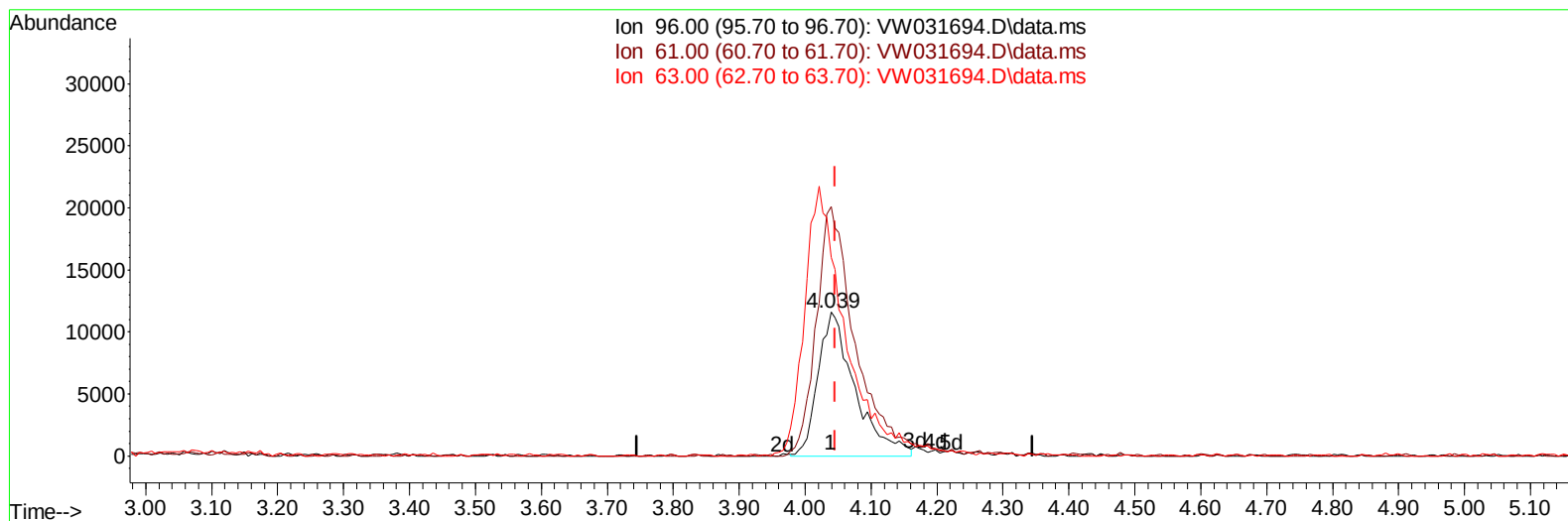
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Quant Time: May 08 15:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration

Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



TIC: VW031694.D\data.ms

(12) 1,1-Dichloroethene (T)

4.039min (-0.006) 4.90 ug/L m

response 45177

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	177.80	173.13
63.00	157.40	138.01
0.00	0.00	0.00

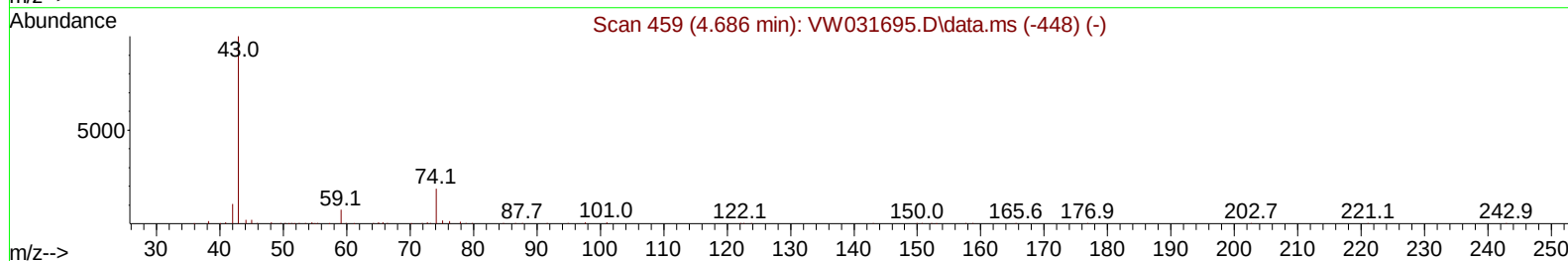
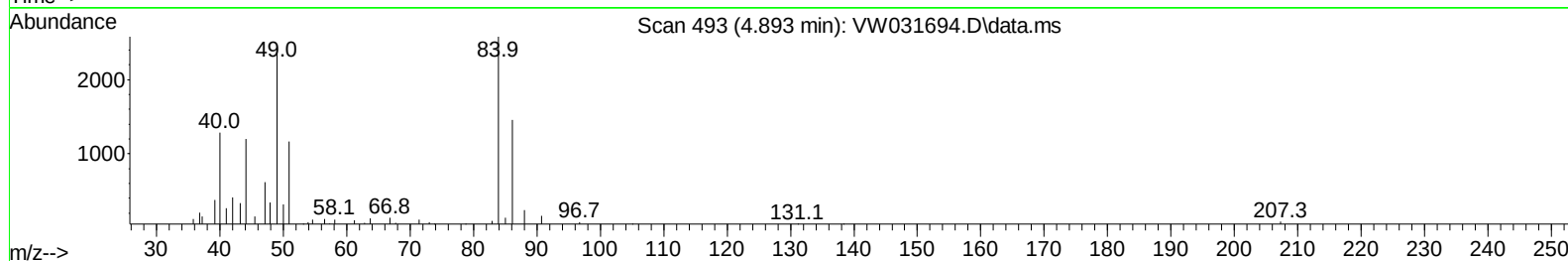
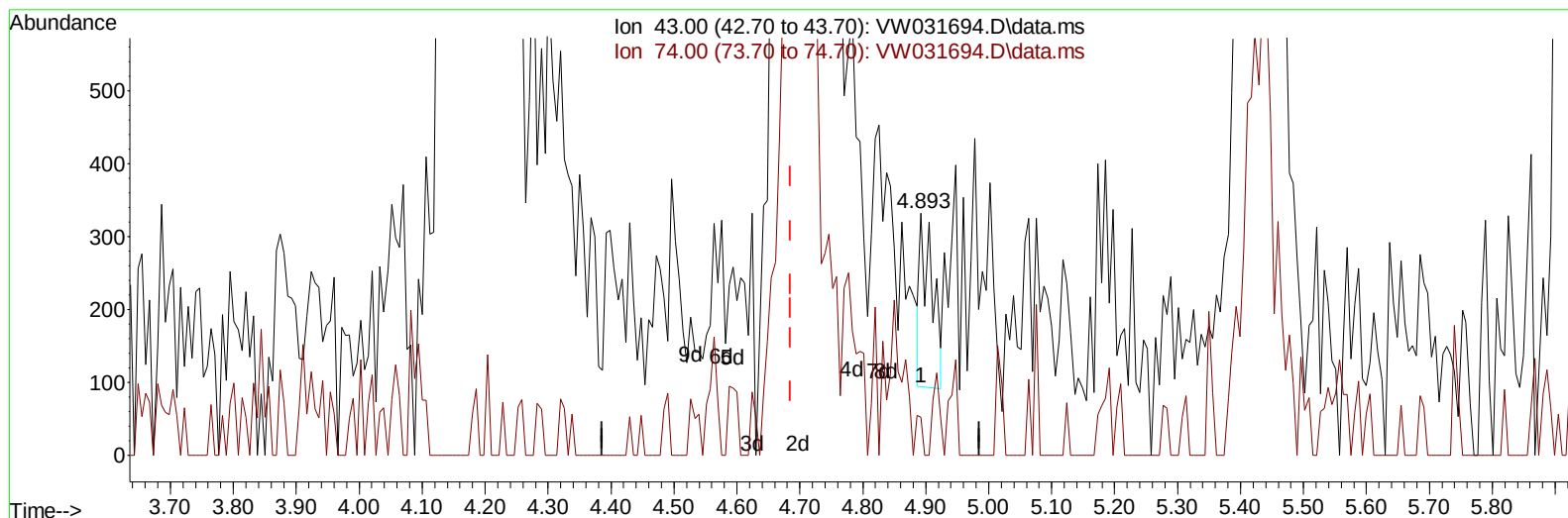
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Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

Quant Time: May 08 15:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration



TIC: VW031694.D\data.ms

(15) Methyl Acetate (T)

4.893min (+ 0.207) 0.10 ug/L

response 319

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	10.90	12.23
0.00	0.00	0.00
0.00	0.00	0.00

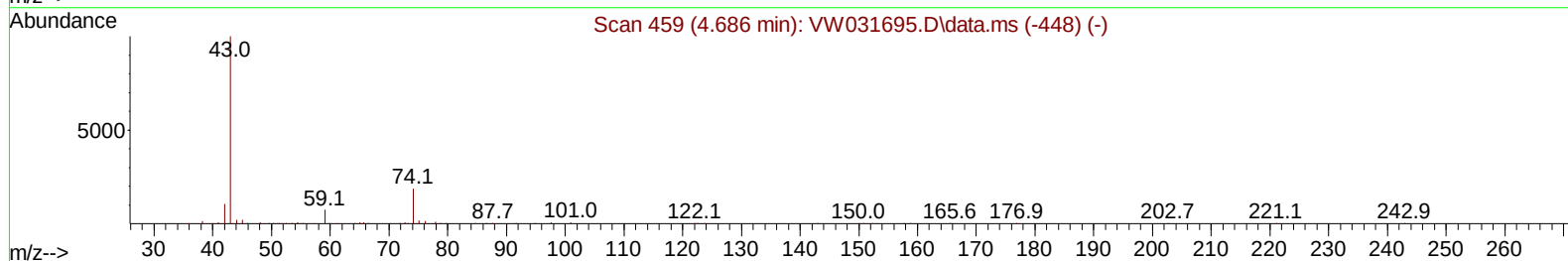
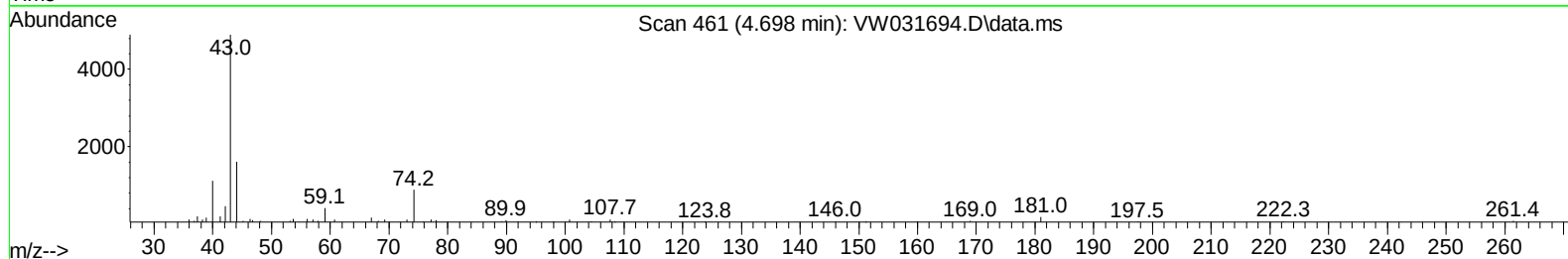
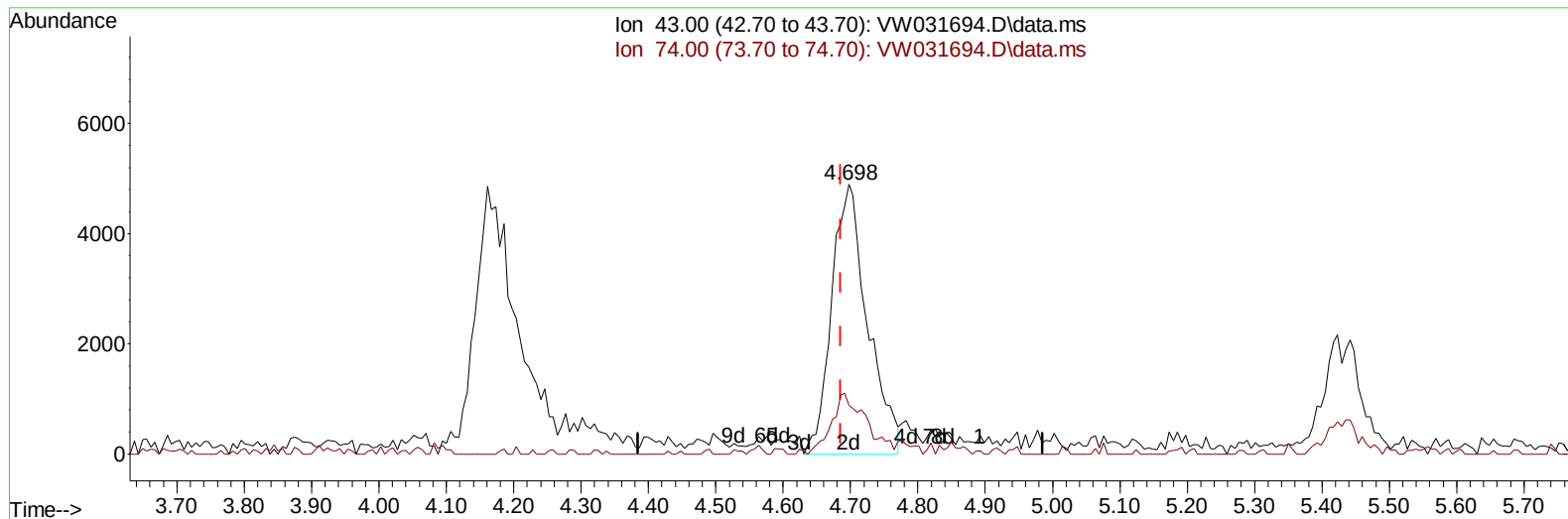
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Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Quant Time: May 08 15:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration

Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



TIC: VW031694.D\data.ms

(15) Methyl Acetate (T)

4.698min (+ 0.012) 5.85 ug/L m

response 18148

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	10.90	0.21#
0.00	0.00	0.00
0.00	0.00	0.00

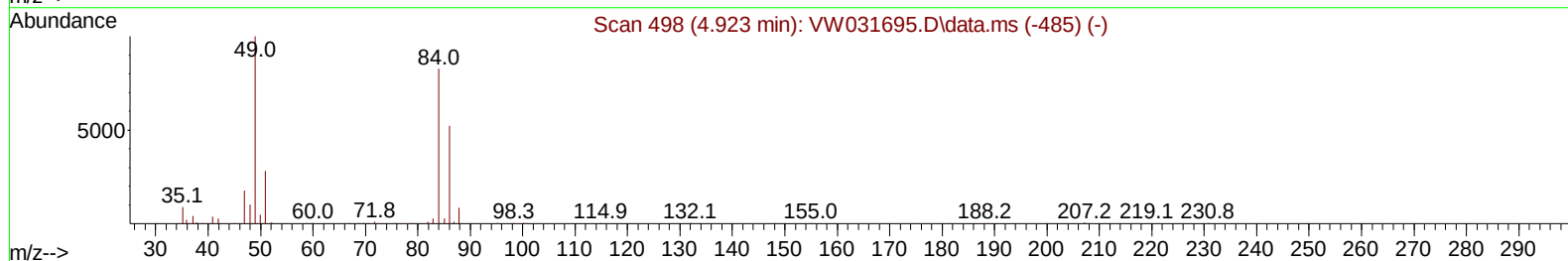
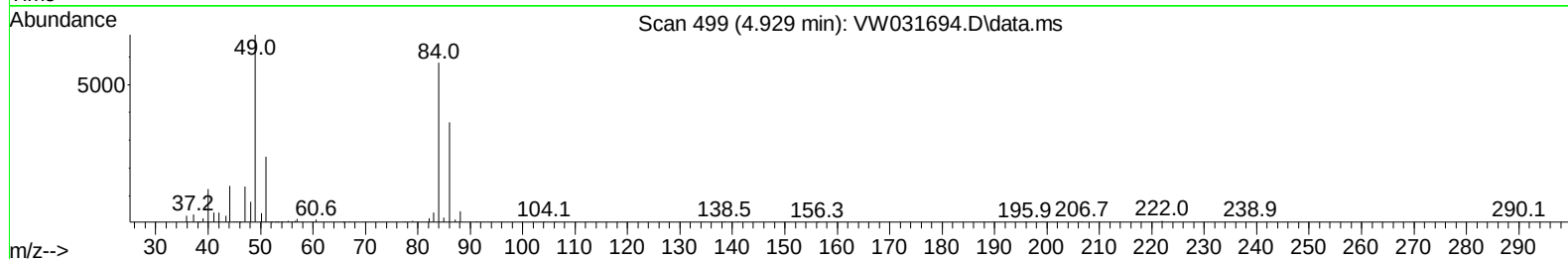
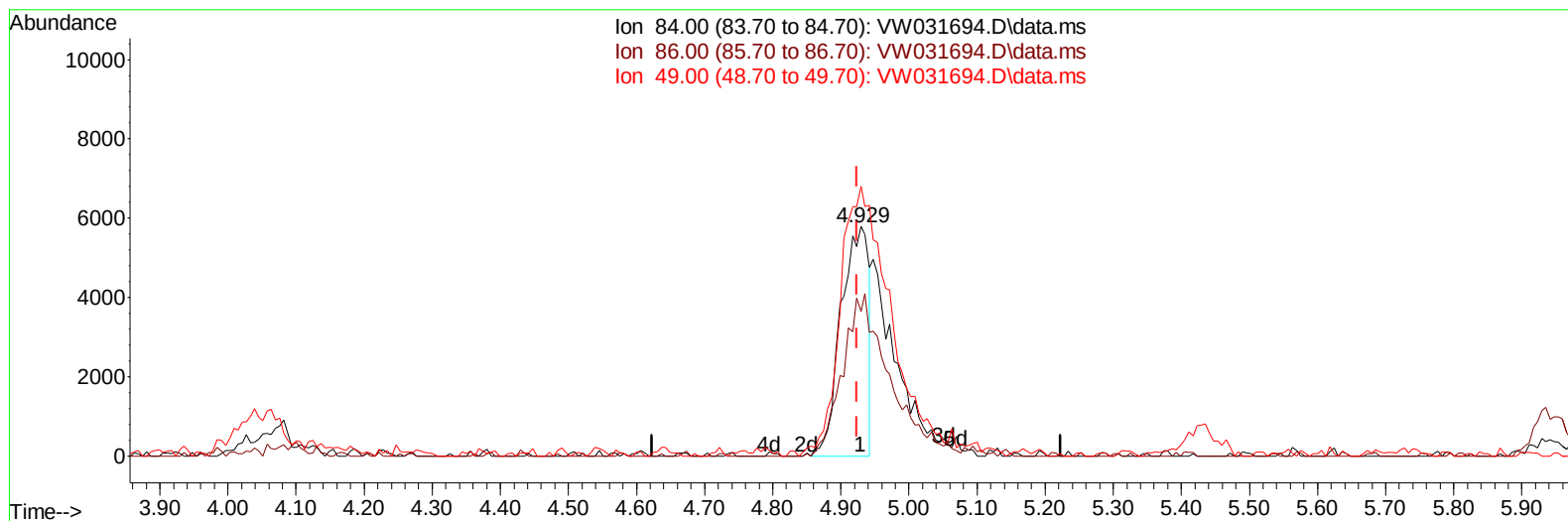
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Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

Quant Time: May 08 15:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration



TIC: VW031694.D\data.ms

(16) Methylene chloride (T)

4.929min (+ 0.006) 3.25 ug/L

response 16292

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	63.20	63.02
49.00	121.60	117.49
0.00	0.00	0.00

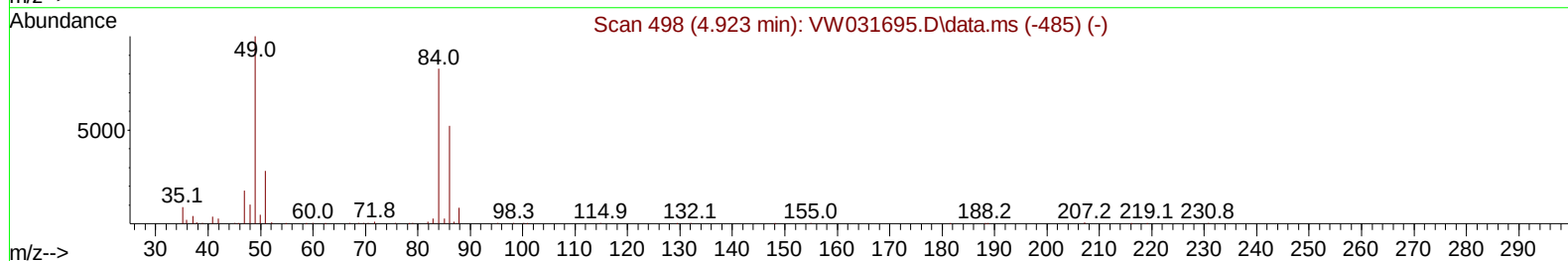
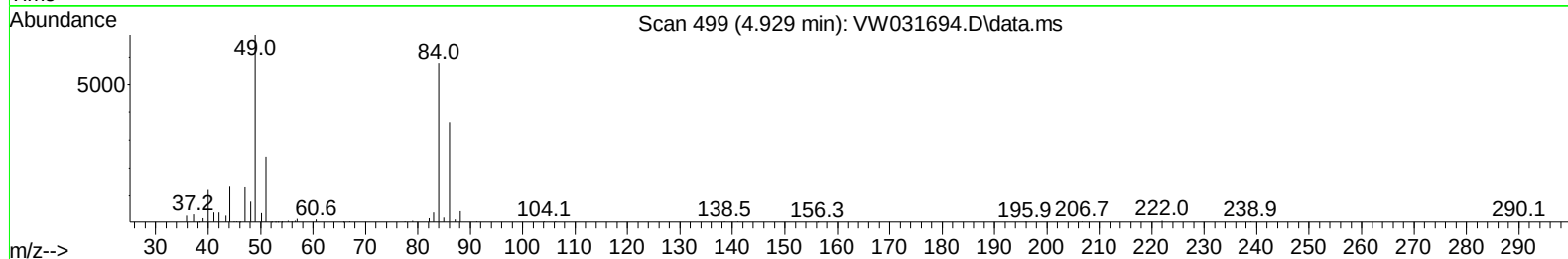
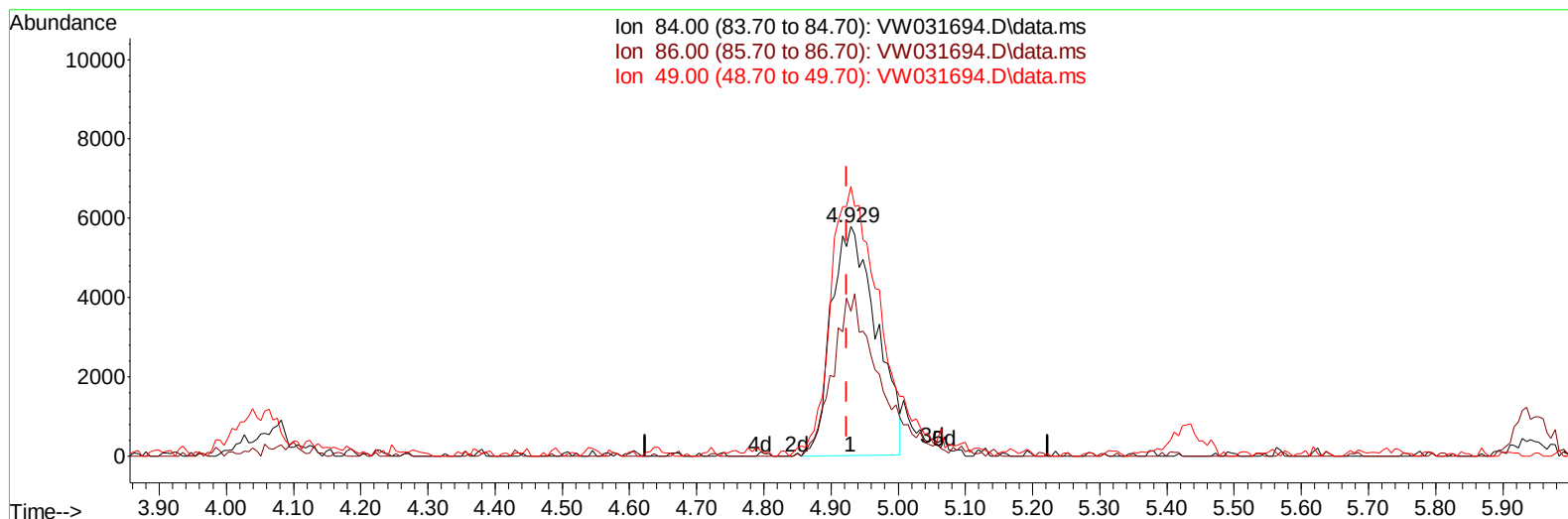
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Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

Quant Time: May 08 15:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration



TIC: VW031694.D\data.ms

(16) Methylene chloride (T)

4.929min (+ 0.006) 5.34 ug/L m

response 26776

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	63.20	63.02
49.00	121.60	117.49
0.00	0.00	0.00

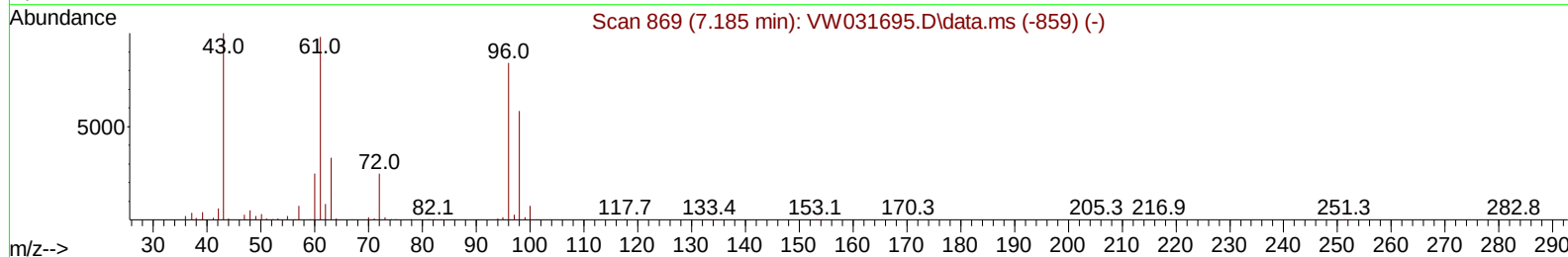
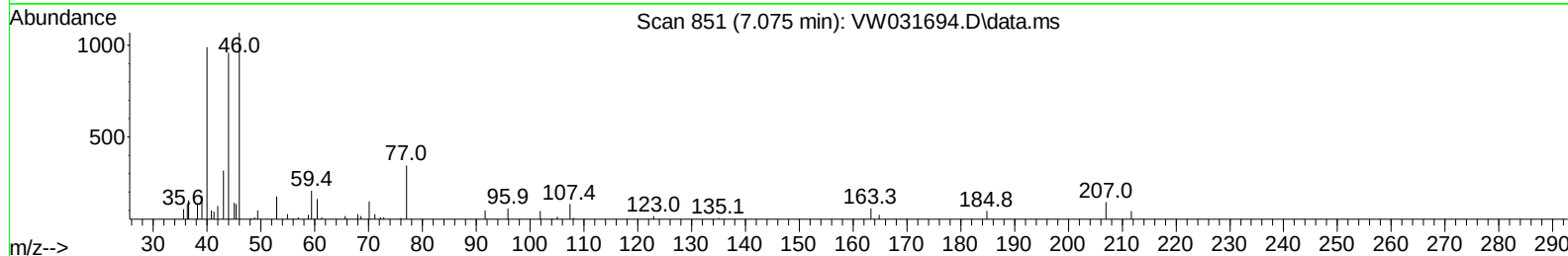
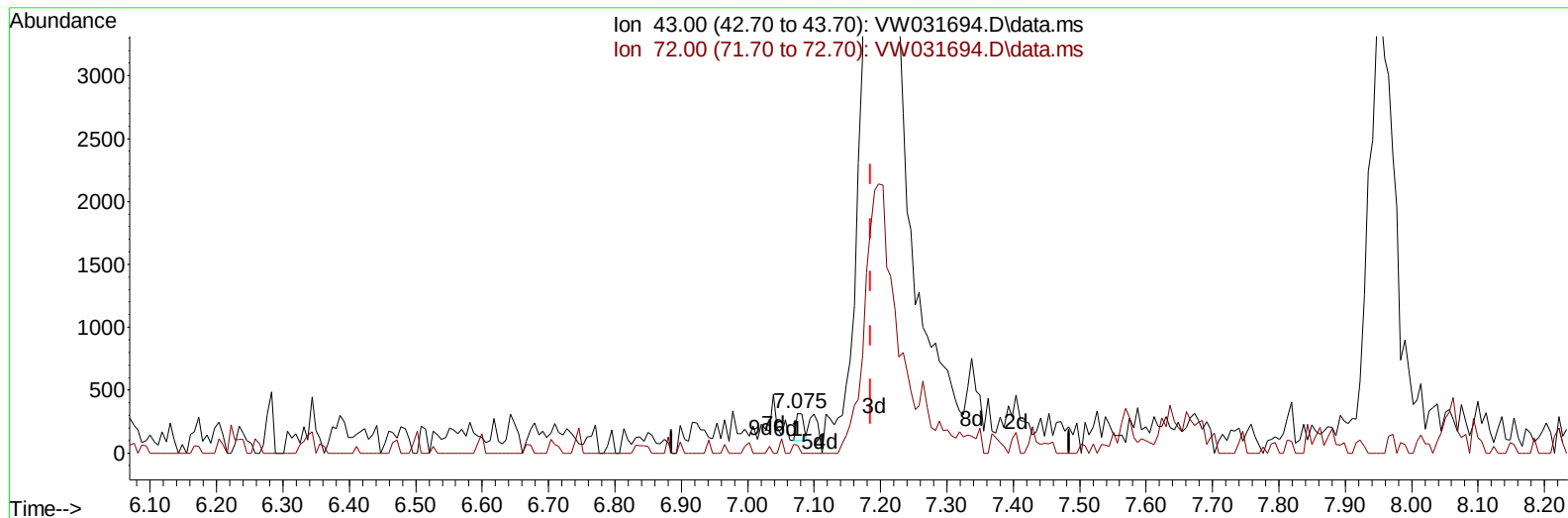
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Data File : VW031694.D
Acq On : 08 May 2025 10:50
Operator : SY/MD
Sample : VSTD005465
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Manual IntegrationsAPPROVED

Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

Quant Time: May 08 15:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration



TIC: VW031694.D\data.ms

(22) 2-Butanone (T)

7.075min (-0.110) 0.07 ug/L

response 167

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	27.40	28.74
0.00	0.00	0.00
0.00	0.00	0.00

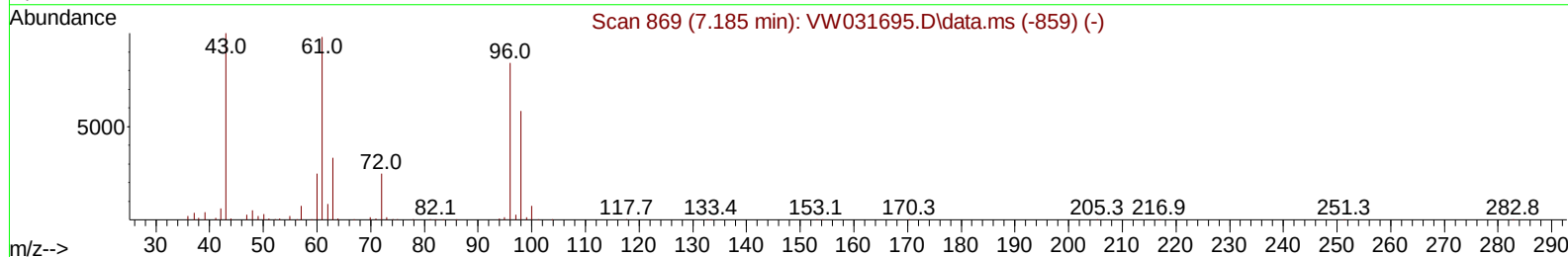
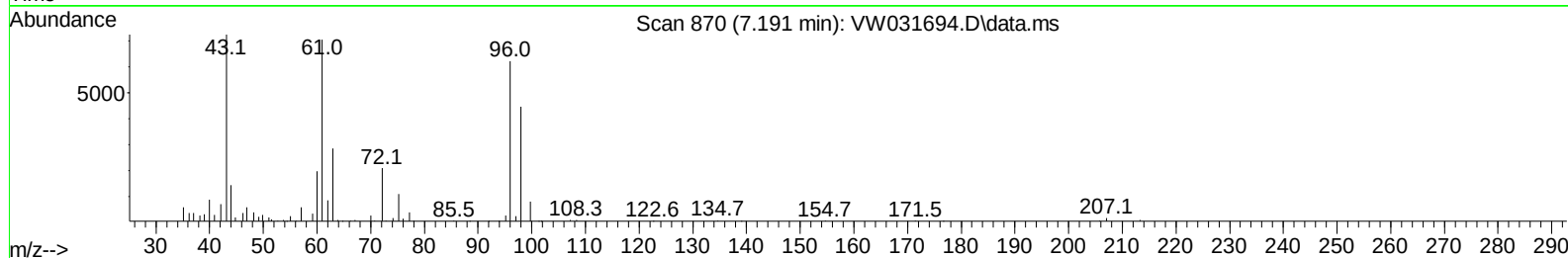
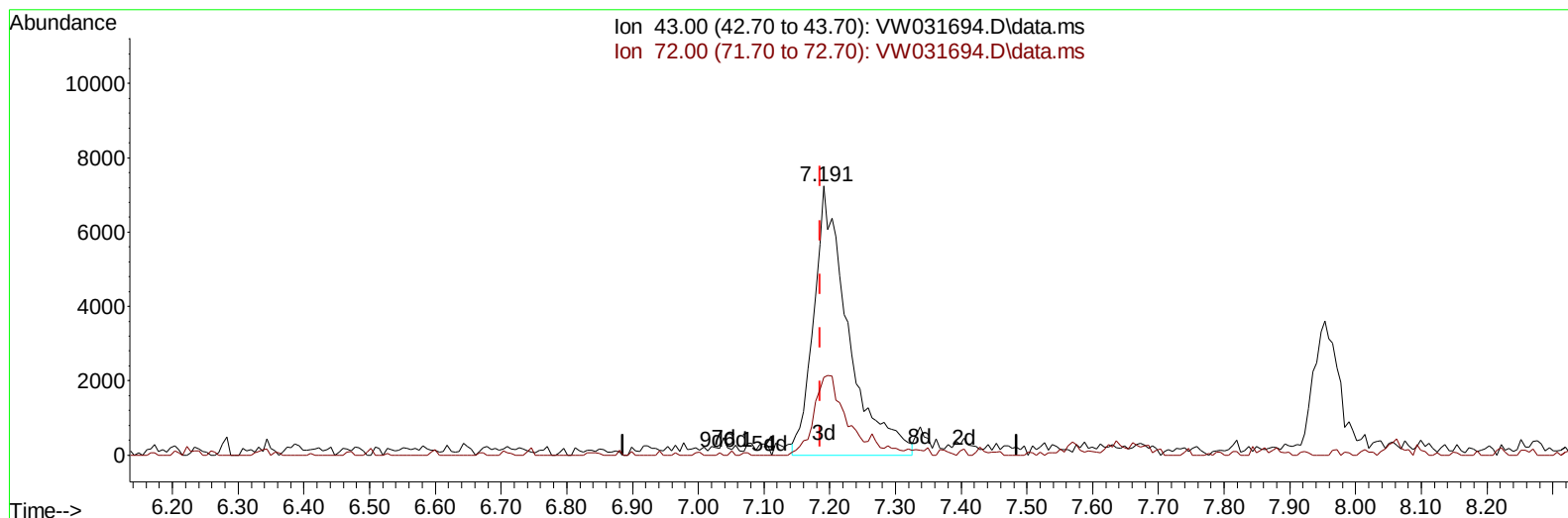
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 Data File : VW031694.D
 Acq On : 08 May 2025 10:50
 Operator : SY/MD
 Sample : VSTD005465
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005465

Manual IntegrationsAPPROVED

Quant Time: May 08 15:23:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 08 14:31:59 2025
 Response via : Initial Calibration

Reviewed By :Amit Patel 05/08/2025
 Supervised By :Mahesh Dadoda 05/12/2025



TIC: VW031694.D\data.ms

(22) 2-Butanone (T)

7.191min (+ 0.006) 10.51 ug/L m

response 26261

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	27.40	0.18#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
 Data File : VW031694.D
 Acq On : 08 May 2025 10:50
 Operator : SY/MD
 Sample : VSTD00565
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005465

Manual IntegrationsAPPROVED

Quant Time: May 08 15:23:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 08 14:31:59 2025
 Response via : Initial Calibration

Reviewed By :Amit Patel 05/08/2025
 Supervised By :Mahesh Dadoda 05/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	483789	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	348378	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	144188	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	44710	3.894	ug/L	0.00
7) Chloroethane-d5	2.893	69	29625	4.290	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	21326m	4.459	ug/L	0.00
21) 2-Butanone-d5	7.106	46	23173	9.696	ug/L	0.01
24) Chloroform-d	7.648	84	56909	5.009	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	22170	5.265	ug/L	0.00
32) Benzene-d6	8.270	84	122385	4.624	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	30827	5.065	ug/L	0.00
41) Toluene-d8	10.319	98	111514	4.653	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	9962	4.952	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	12613	9.814	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	23172	5.612	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	25501	5.218	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	45041	4.661	ug/L	# 85
3) Chloromethane	2.210	50	39539	5.177	ug/L	96
5) Vinyl chloride	2.375	62	54919	4.783	ug/L	99
6) Bromomethane	2.783	94	25543	5.491	ug/L	93
8) Chloroethane	2.942	64	28299	5.138	ug/L	97
9) Trichlorofluoromethane	3.259	101	41585m	4.632	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	48528	4.106	ug/L	91
12) 1,1-Dichloroethene	4.039	96	45177m	4.904	ug/L	
13) Acetone	4.161	43	17939	10.662	ug/L	54
14) Carbon disulfide	4.393	76	142529	4.905	ug/L	99
15) Methyl Acetate	4.698	43	18148m	5.855	ug/L	
16) Methylene chloride	4.929	84	26776m	5.340	ug/L	
17) trans-1,2-Dichloroethene	5.423	96	40137	4.972	ug/L	86
18) Methyl tert-butyl Ether	5.435	73	32172	5.604	ug/L	# 87
19) 1,1-Dichloroethane	6.210	63	65457	5.223	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	32503	5.245	ug/L	97
22) 2-Butanone	7.191	43	26261m	10.514	ug/L	
23) Bromochloromethane	7.520	128	11425	5.687	ug/L	86
25) Chloroform	7.679	83	57836	5.370	ug/L	96
27) 1,2-Dichloroethane	8.398	62	27895	5.589	ug/L	100
29) Cyclohexane	7.953	56	91455	4.056	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	66845	4.568	ug/L	99
31) Carbon tetrachloride	8.069	117	63250	4.320	ug/L	99
33) Benzene	8.319	78	139728	4.907	ug/L	100
34) Trichloroethene	9.093	95	45511	4.866	ug/L	94
35) Methylcyclohexane	9.331	83	99179	4.020	ug/L	96
37) 1,2-Dichloropropane	9.367	63	29566	5.349	ug/L	# 92
38) Bromodichloromethane	9.642	83	30805	5.067	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	32521	4.754	ug/L	93
40) 4-Methyl-2-pentanone	10.209	43	35729	10.547	ug/L	99
42) Toluene	10.386	91	141737	4.685	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	26319	5.131	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
 Data File : VW031694.D
 Acq On : 08 May 2025 10:50
 Operator : SY/MD
 Sample : VSTD00565
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005465

Manual IntegrationsAPPROVED

Reviewed By :Amit Patel 05/08/2025
 Supervised By :Mahesh Dadoda 05/12/2025

Quant Time: May 08 15:23:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 08 14:31:59 2025
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	10.788	97	16724	5.303	ug/L	97
46) Tetrachloroethene	10.861	164	34702	4.433	ug/L	94
48) 2-Hexanone	10.971	43	25884	9.628	ug/L #	95
49) Dibromochloromethane	11.129	129	16412	5.154	ug/L	89
50) 1,2-Dibromoethane	11.233	107	15647	5.279	ug/L	86
51) Chlorobenzene	11.654	112	75941	5.038	ug/L	95
52) Ethylbenzene	11.727	91	168504	4.632	ug/L	99
53) m,p-Xylene	11.837	106	59241	4.525	ug/L	86
54) o-Xylene	12.160	106	47429	4.604	ug/L	93
55) Styrene	12.178	104	67804	4.566	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.708	83	22695	5.549	ug/L	97
59) Bromoform	12.343	173	8806	5.143	ug/L #	91
60) Isopropylbenzene	12.458	105	178030	4.483	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	18271	5.749	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	121475	4.469	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	103986	4.498	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	54103	5.164	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	49887	5.106	ug/L	93
67) 1,2-Dichlorobenzene	13.861	146	42481	5.332	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	5181	5.051	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	35195	4.874	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	23712	4.845	ug/L	97
71) Naphthalene	15.360	128	47314	4.986	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	20737	5.217	ug/L	97

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