

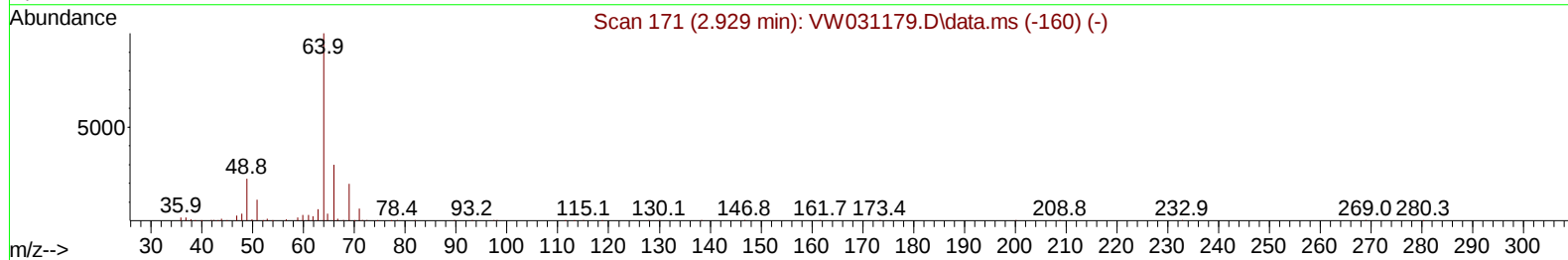
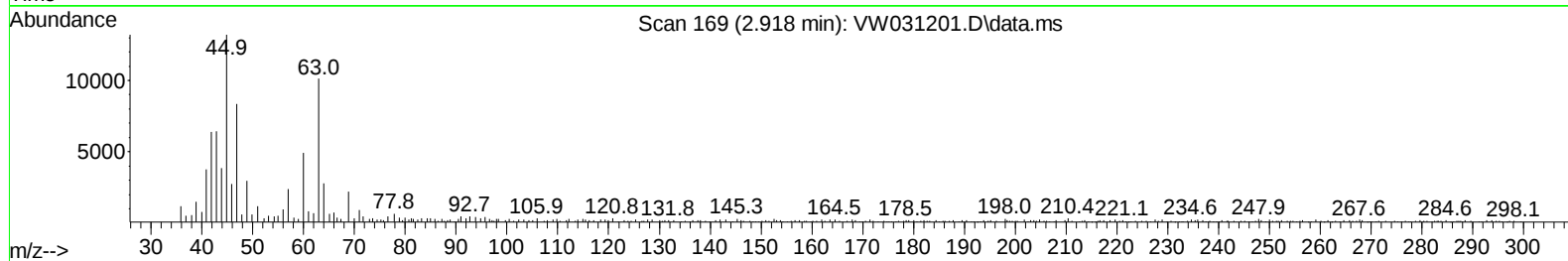
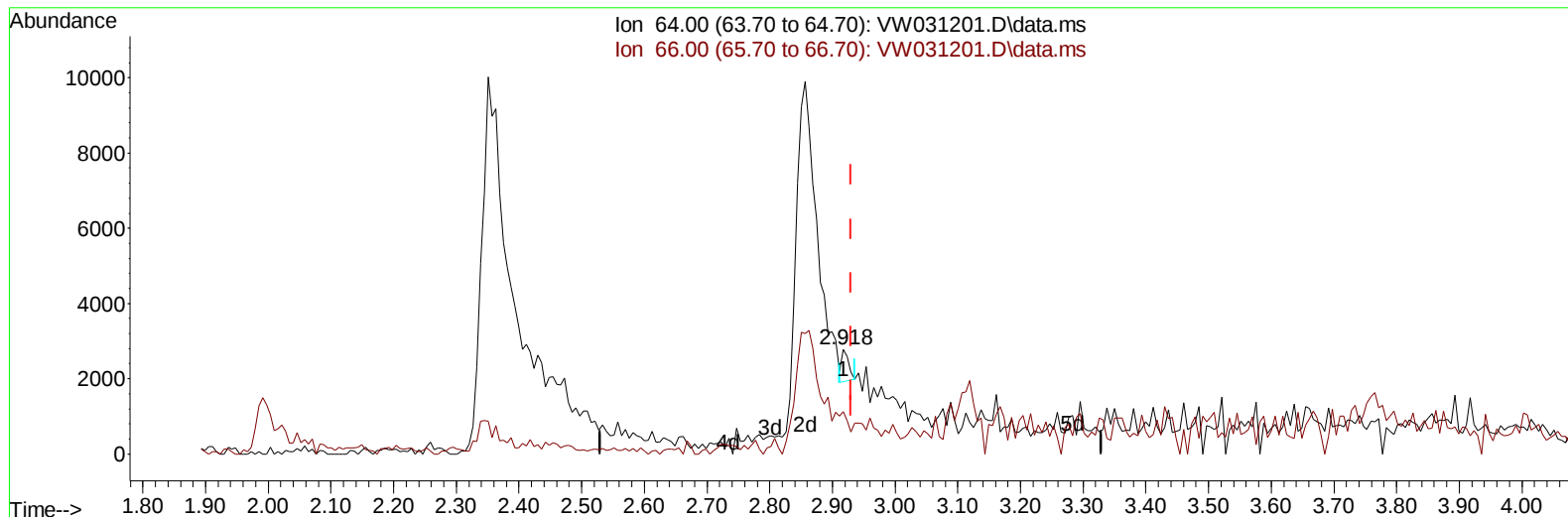
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
Data File : VW031201.D
Acq On : 10 Dec 2024 19:06
Operator : SY/MD
Sample : P5153-19MSD
Misc : 5.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(8) Chloroethane (T)

2.918min (-0.012) 0.16 ug/L

response 647

Ion	Exp%	Act%
64.00	100.00	100.00
66.00	33.20	40.42
0.00	0.00	0.00
0.00	0.00	0.00

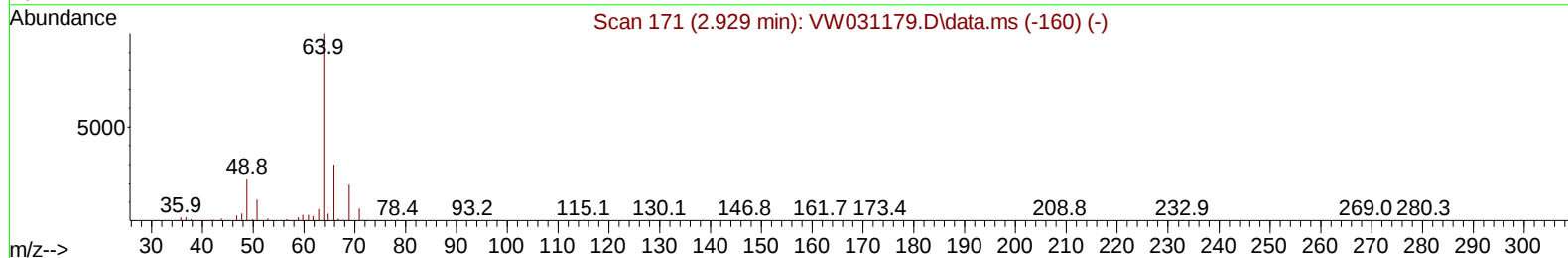
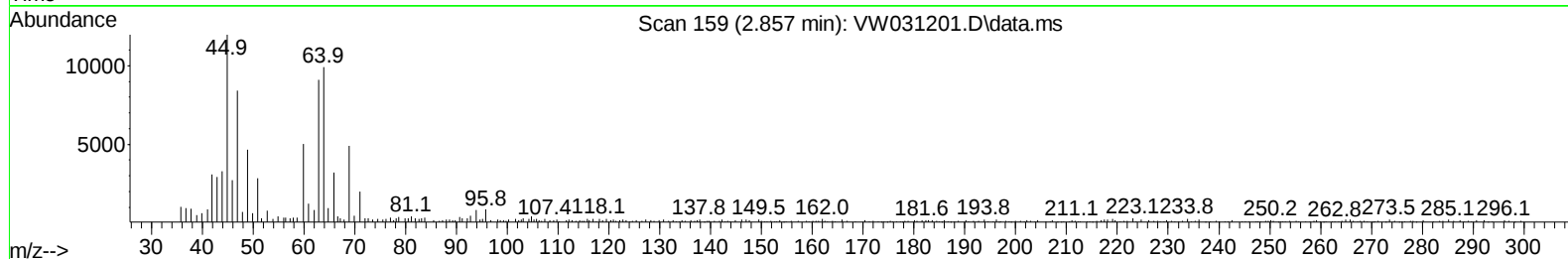
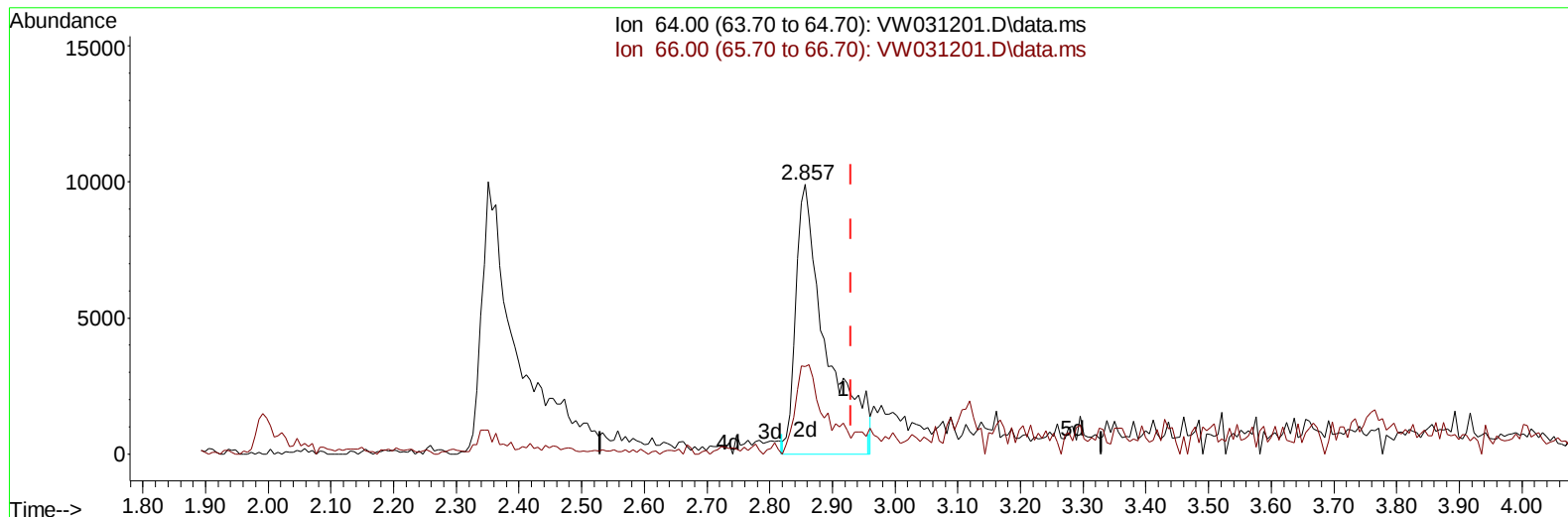
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
 Data File : VW031201.D
 Acq On : 10 Dec 2024 19:06
 Operator : SY/MD
 Sample : P5153-19MSD
 Misc : 5.99g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 11 00:26:57 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
 Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(8) Chloroethane (T)

2.857min (-0.073) 8.19 ug/L m

response 33649

Ion	Exp%	Act%
64.00	100.00	100.00
66.00	33.20	32.35
0.00	0.00	0.00
0.00	0.00	0.00

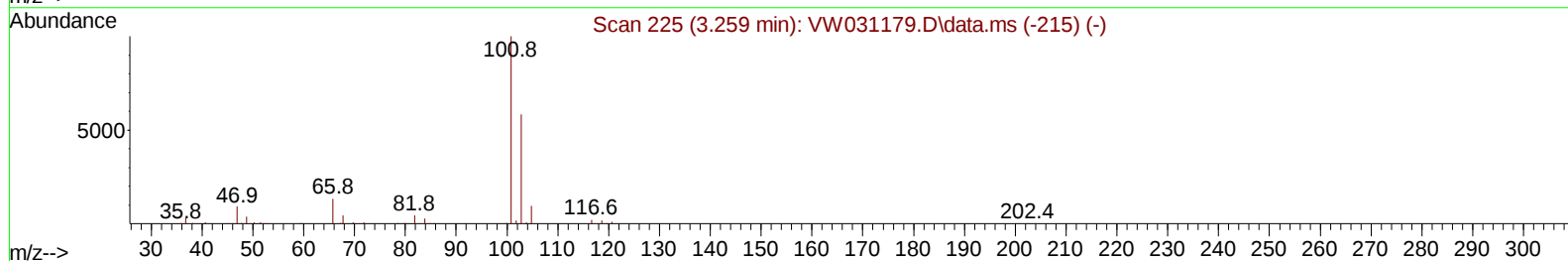
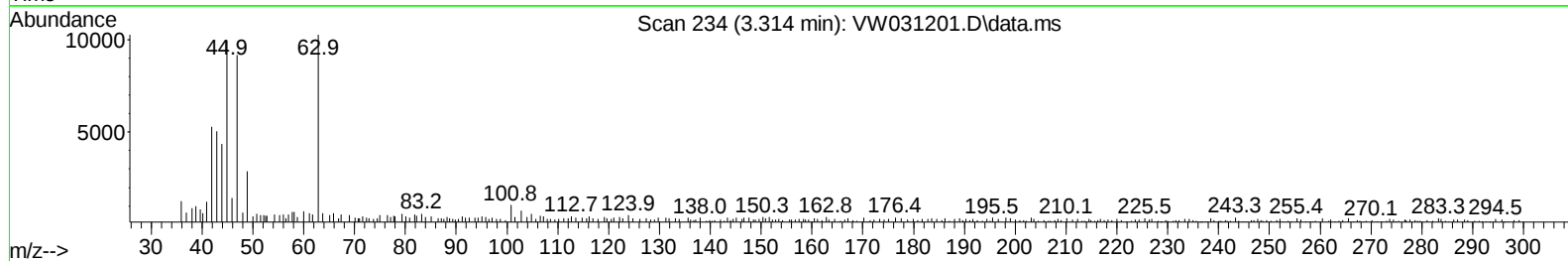
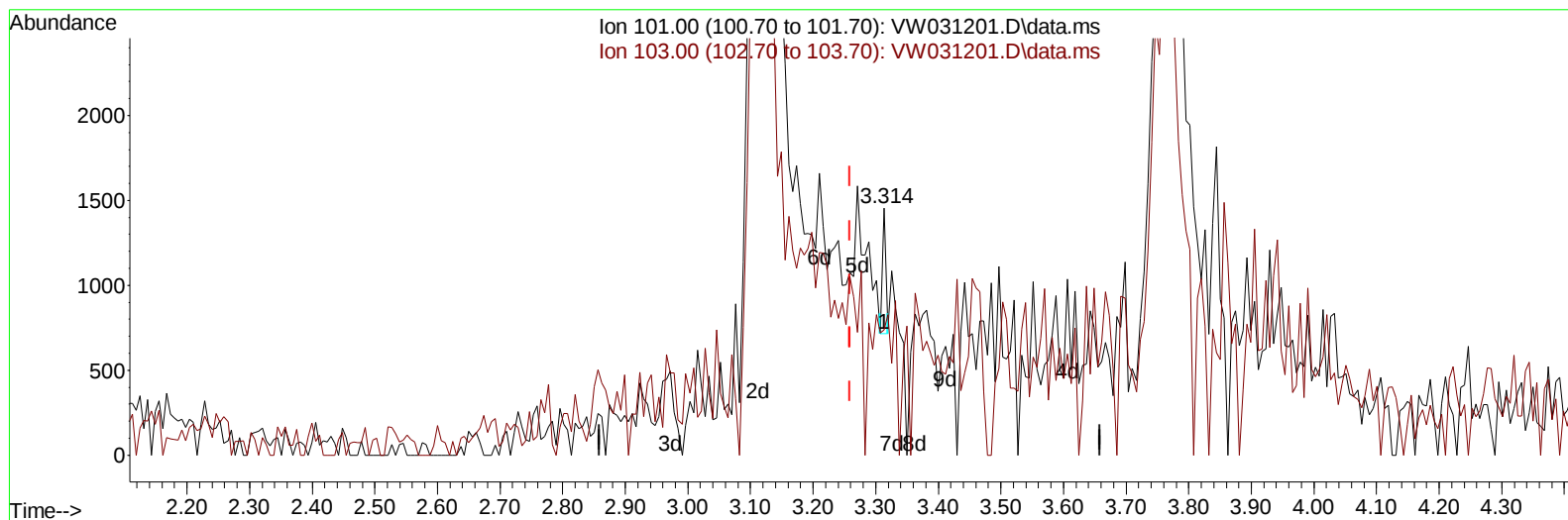
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 Data File : VW031201.D
 Acq On : 10 Dec 2024 19:06
 Operator : SY/MD
 Sample : P5153-19MSD
 Misc : 5.99g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 11 00:26:57 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
 Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(9) Trichlorofluoromethane (T)

3.314min (+ 0.055) 0.04 ug/L

response 280

Ion	Exp%	Act%
101.00	100.00	100.00
103.00	63.40	62.86
0.00	0.00	0.00
0.00	0.00	0.00

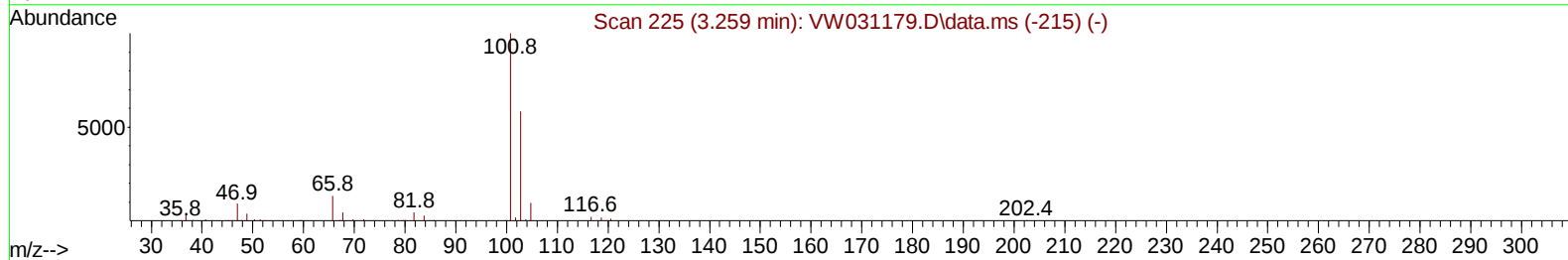
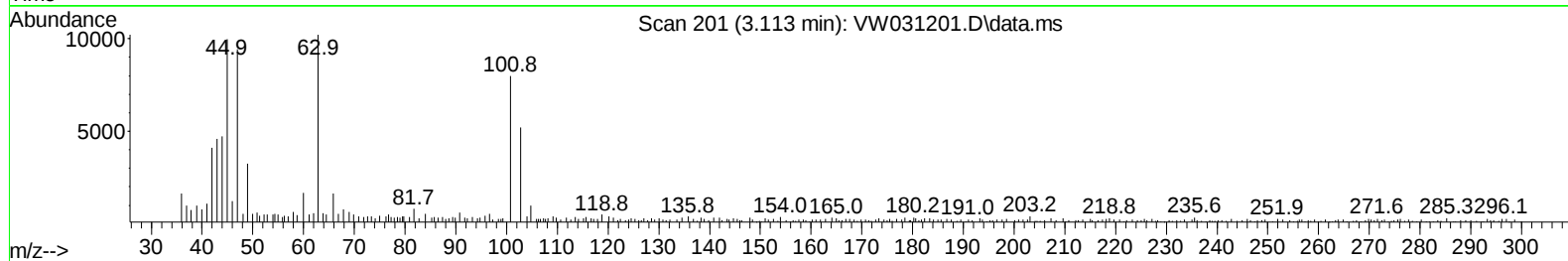
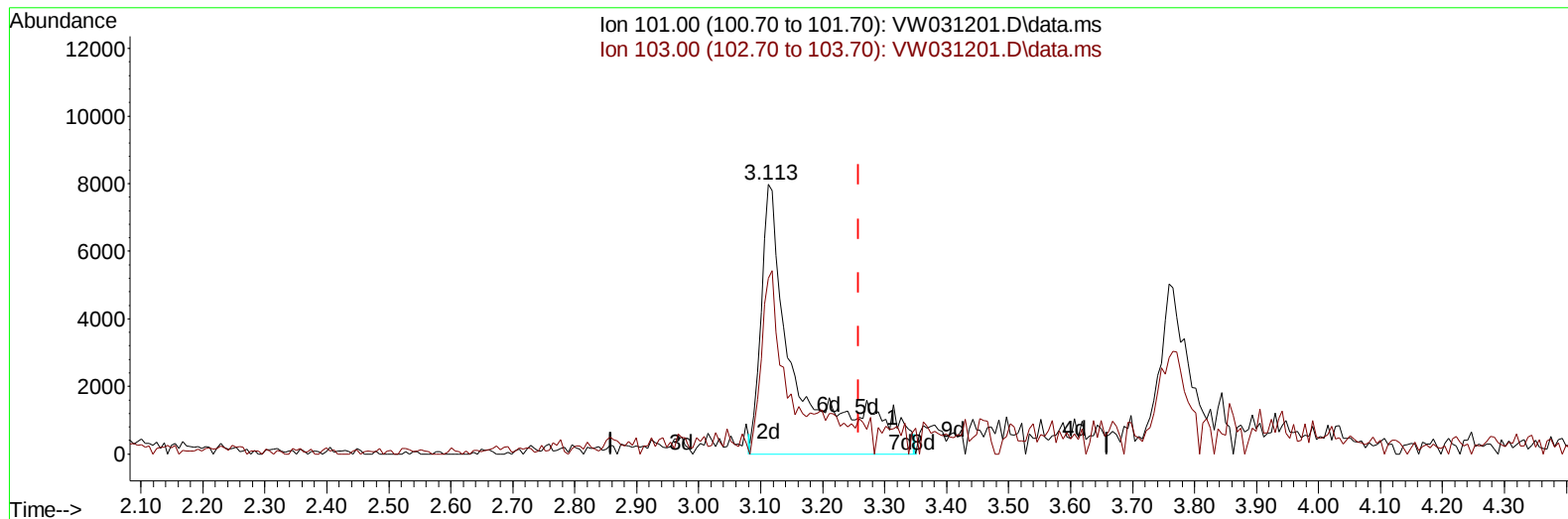
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Data File : VW031201.D
Acq On : 10 Dec 2024 19:06
Operator : SY/MD
Sample : P5153-19MSD
Misc : 5.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(9) Trichlorofluoromethane (T)

3.113min (-0.146) 4.50 ug/L m

response 32512

Ion	Exp%	Act%
101.00	100.00	100.00
103.00	63.40	0.54#
0.00	0.00	0.00
0.00	0.00	0.00

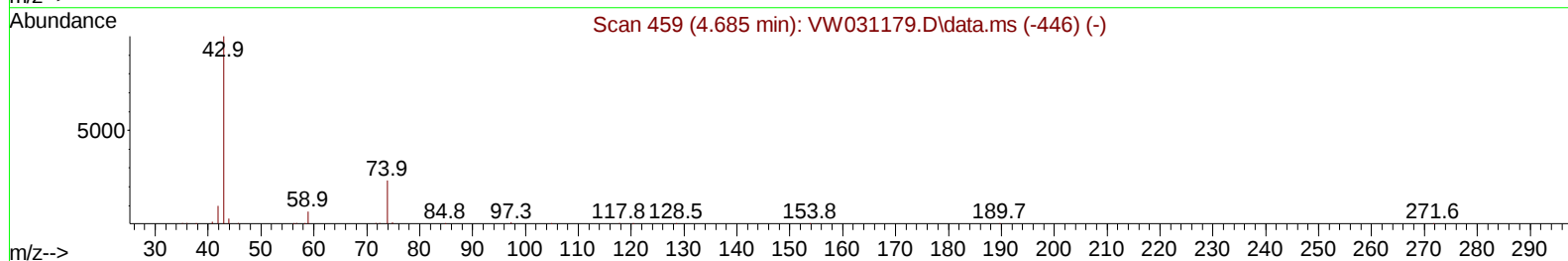
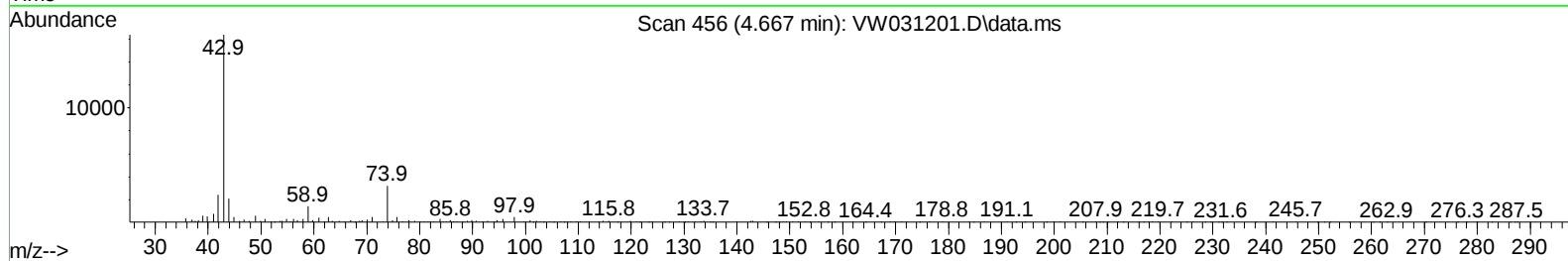
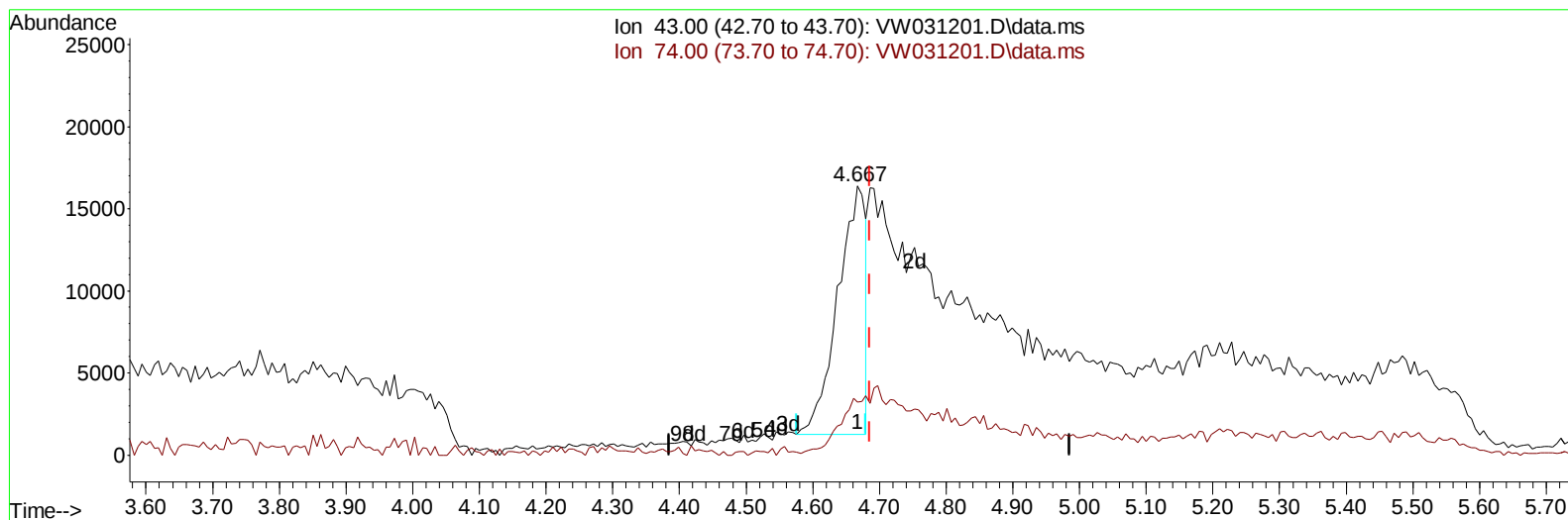
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
Data File : VW031201.D
Acq On : 10 Dec 2024 19:06
Operator : SY/MD
Sample : P5153-19MSD
Misc : 5.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
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Reviewed By :Mahesh Dadoda 12/11/2024
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TIC: VW031201.D\data.ms

(15) Methyl Acetate (T)

4.667min (-0.018) 22.33 ug/L

response 43619

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	26.00	15.86#
0.00	0.00	0.00
0.00	0.00	0.00

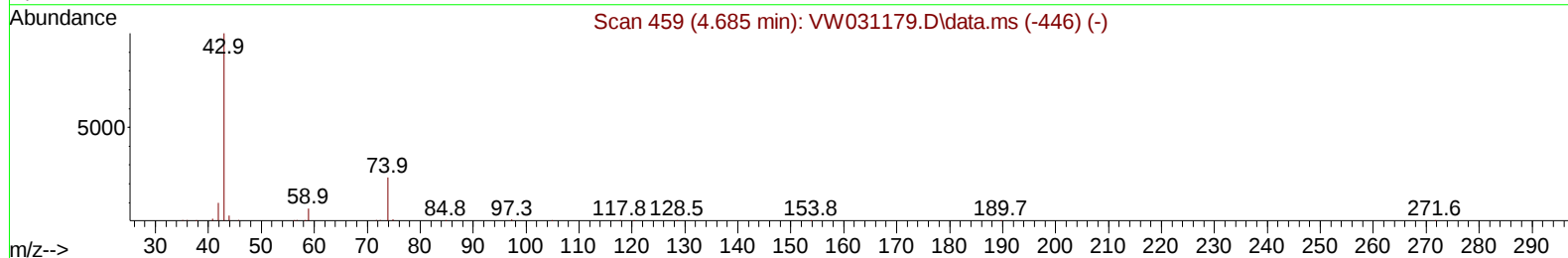
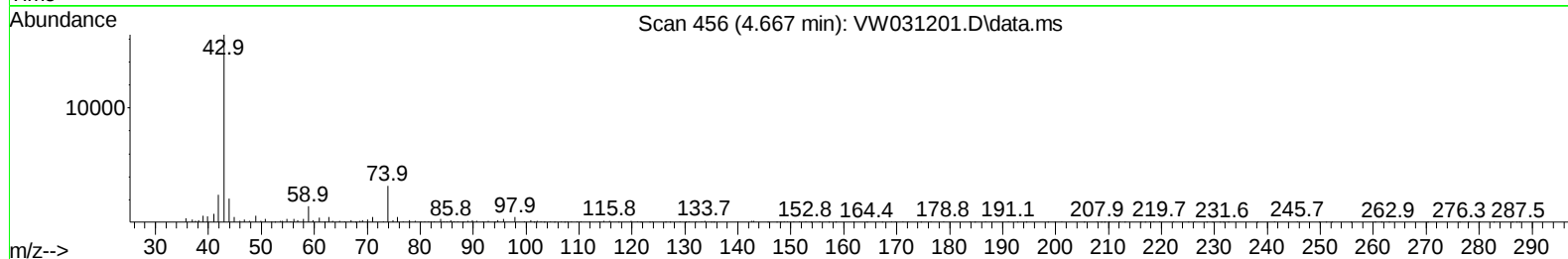
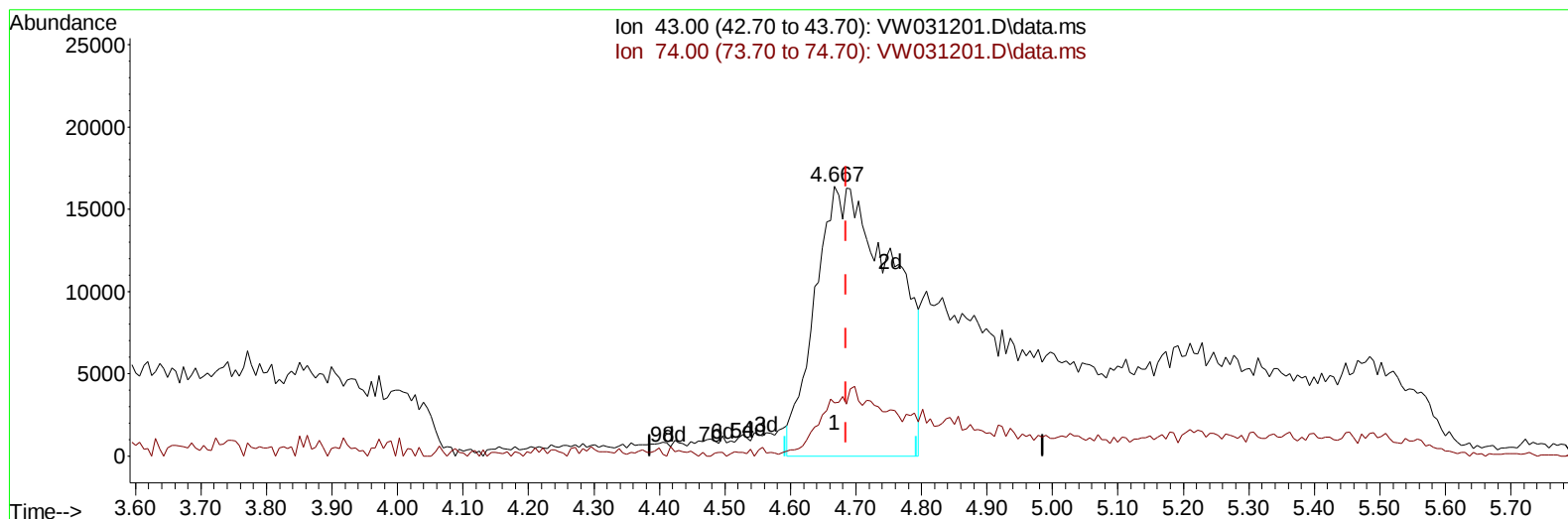
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
Data File : VW031201.D
Acq On : 10 Dec 2024 19:06
Operator : SY/MD
Sample : P5153-19MSD
Misc : 5.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(15) Methyl Acetate (T)

4.667min (-0.018) 69.68 ug/L m

response 136100

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	26.00	5.08#
0.00	0.00	0.00
0.00	0.00	0.00

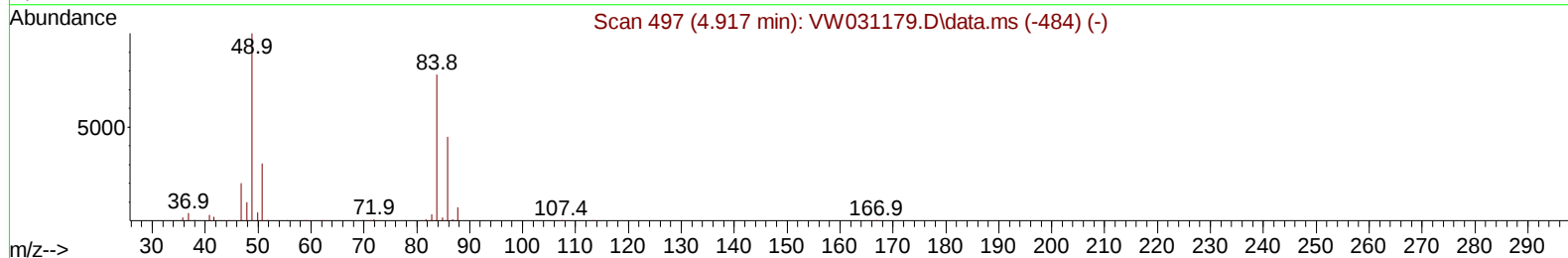
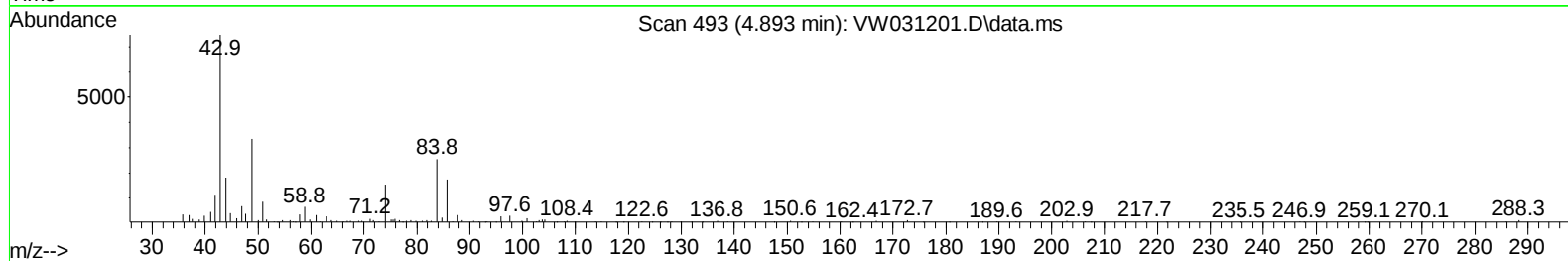
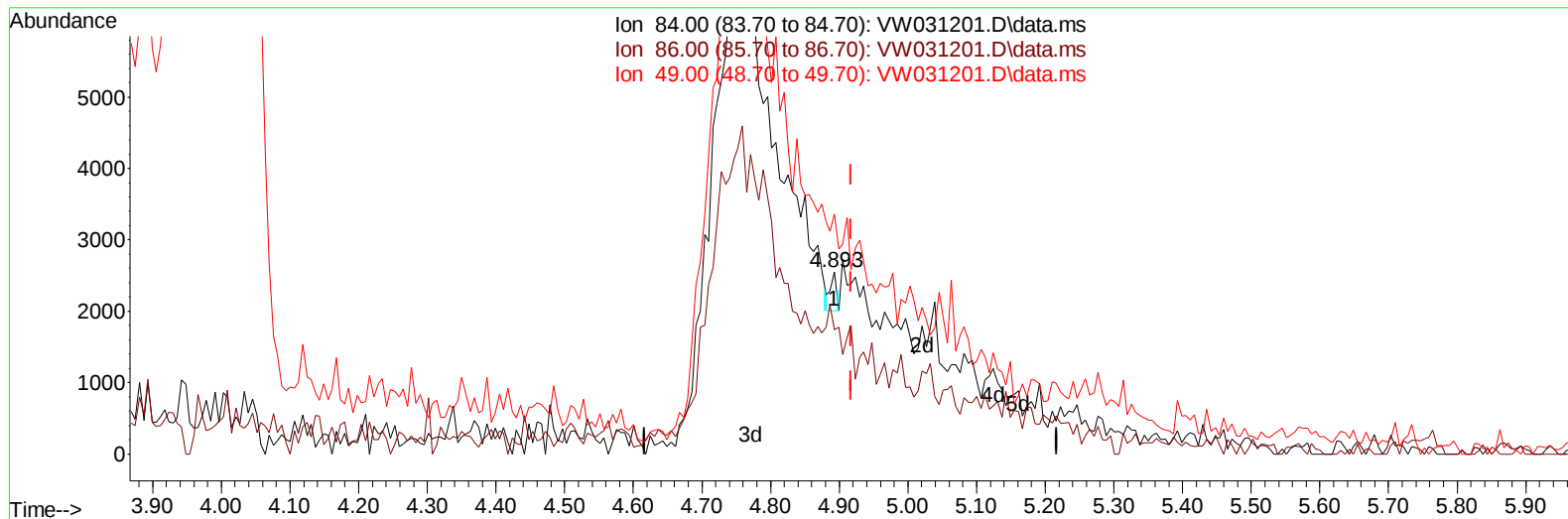
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
Data File : VW031201.D
Acq On : 10 Dec 2024 19:06
Operator : SY/MD
Sample : P5153-19MSD
Misc : 5.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(16) Methylene chloride (T)

4.893min (-0.024) 0.05 ug/L

response 298

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	64.20	62.45
49.00	114.20	120.52
0.00	0.00	0.00

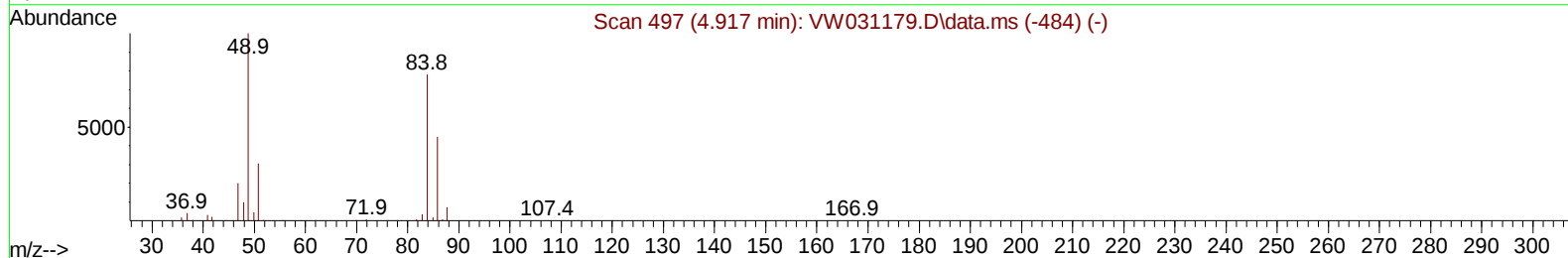
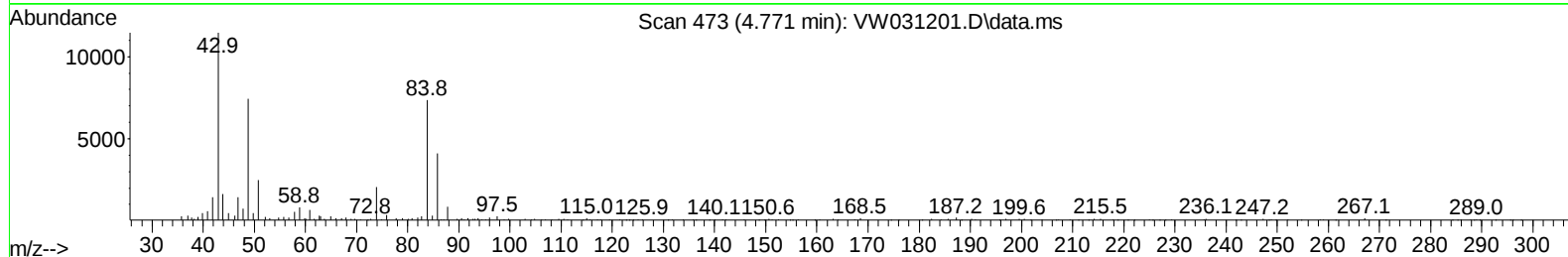
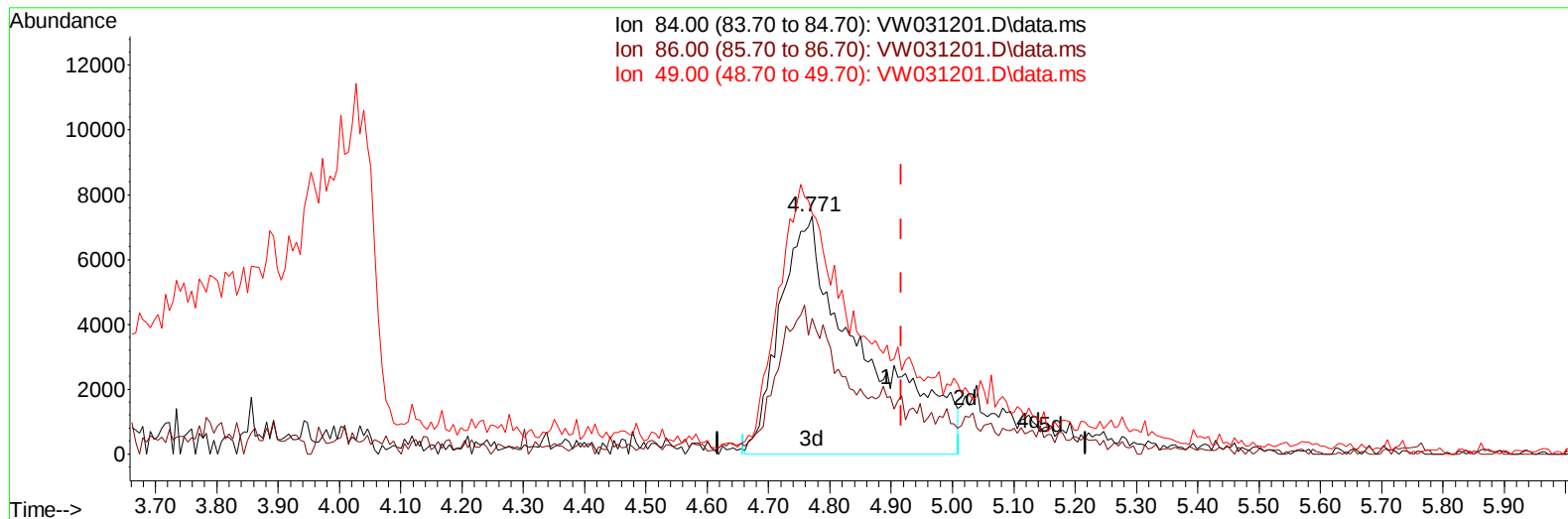
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
Data File : VW031201.D
Acq On : 10 Dec 2024 19:06
Operator : SY/MD
Sample : P5153-19MSD
Misc : 5.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(16) Methylene chloride (T)

4.771min (-0.146) 12.20 ug/L m

response 67806

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	64.20	55.89
49.00	114.20	101.09
0.00	0.00	0.00

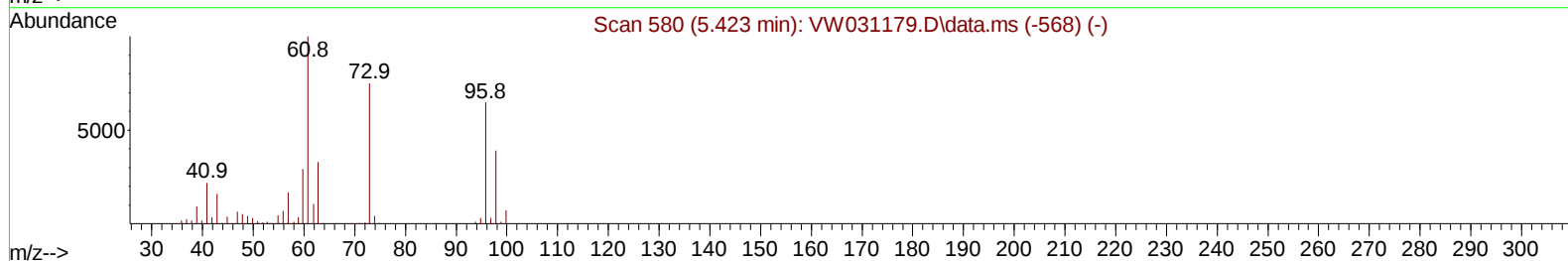
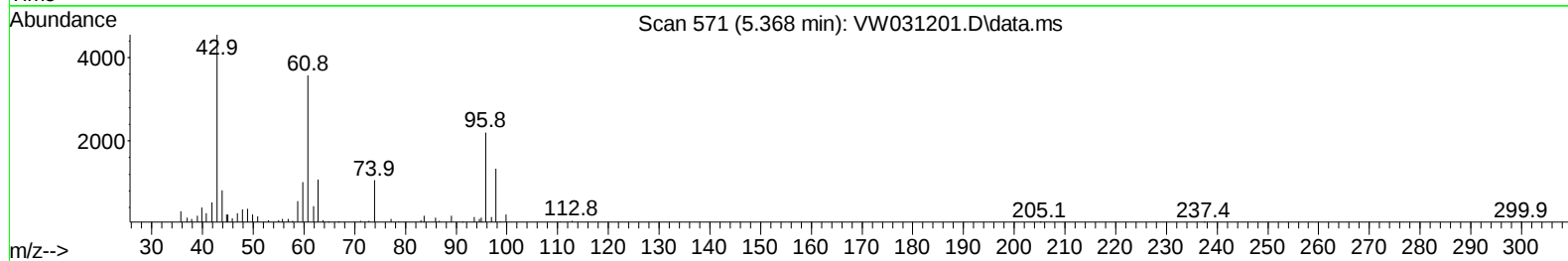
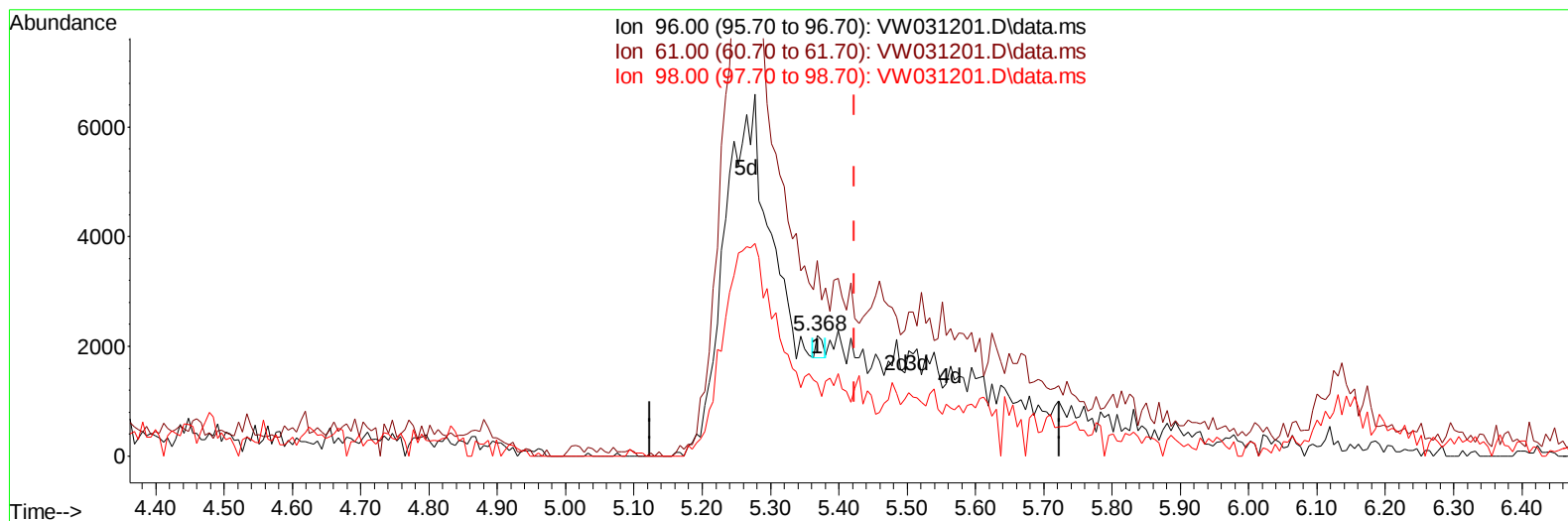
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Data File : VW031201.D
Acq On : 10 Dec 2024 19:06
Operator : SY/MD
Sample : P5153-19MSD
Misc : 5.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
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TIC: VW031201.D\data.ms

(17) trans-1,2-Dichloroethene (T)

5.368min (-0.055) 0.05 ug/L

response 289

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	132.50	161.99
98.00	63.40	63.62
0.00	0.00	0.00

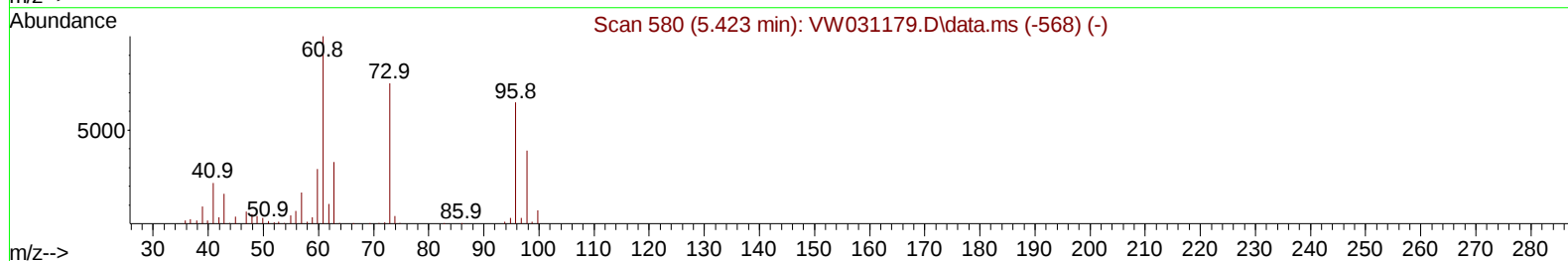
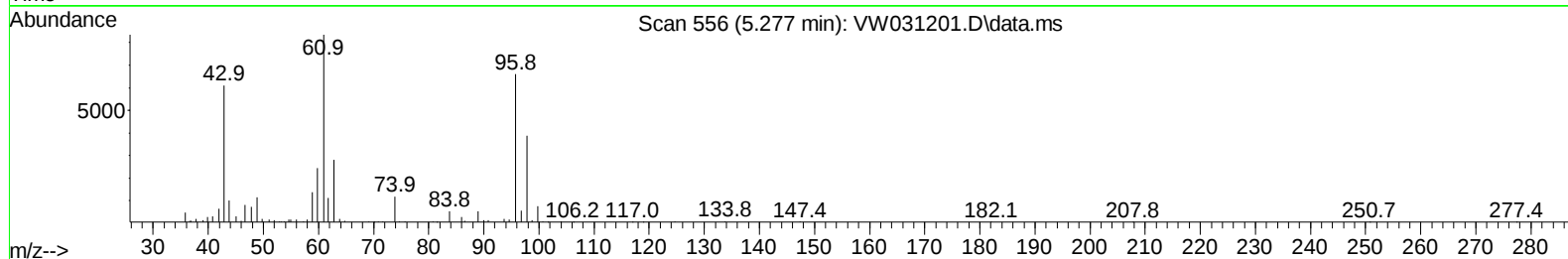
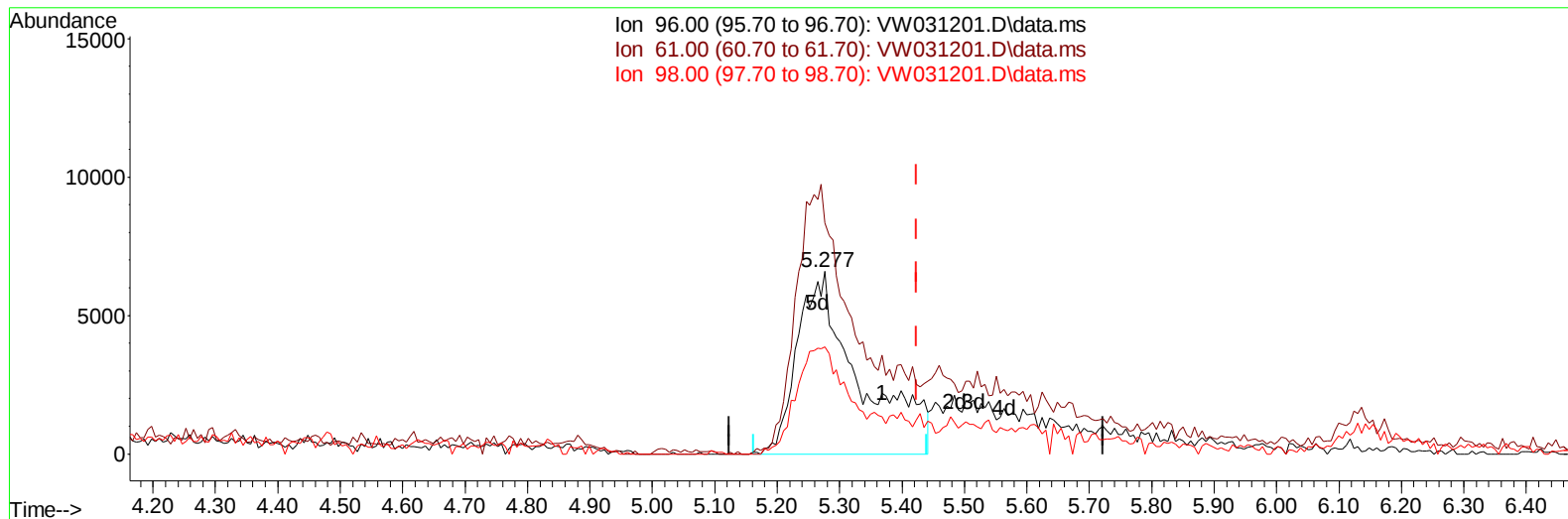
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Data File : VW031201.D
Acq On : 10 Dec 2024 19:06
Operator : SY/MD
Sample : P5153-19MSD
Misc : 5.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(17) trans-1,2-Dichloroethene (T)

5.277min (-0.146) 7.81 ug/L m

response 45270

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	132.50	126.57
98.00	63.40	58.78
0.00	0.00	0.00

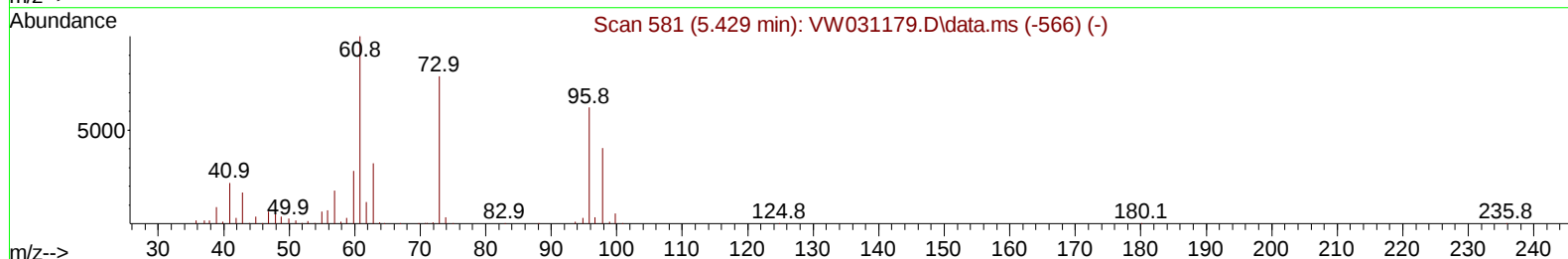
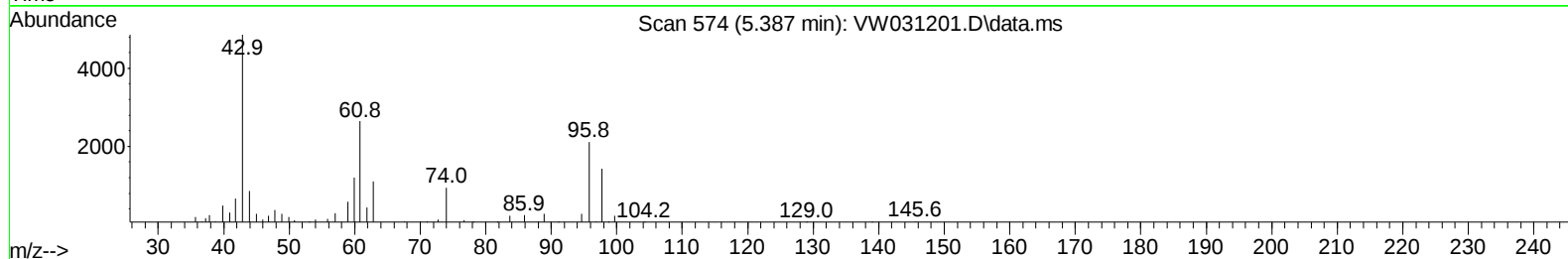
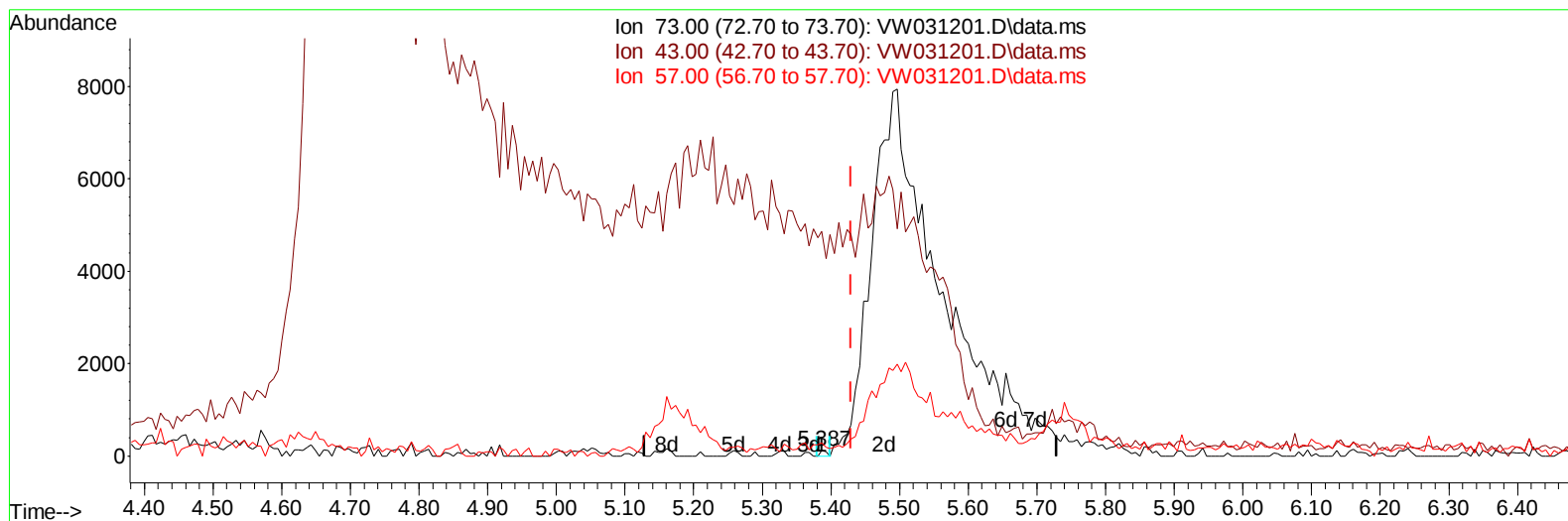
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 Data File : VW031201.D
 Acq On : 10 Dec 2024 19:06
 Operator : SY/MD
 Sample : P5153-19MSD
 Misc : 5.99g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 11 00:26:57 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
 Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(18) Methyl tert-butyl Ether (T)

5.387min (-0.042) 0.01 ug/L

response 81

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	19.20	0.00#
57.00	22.00	200.00#
0.00	0.00	0.00

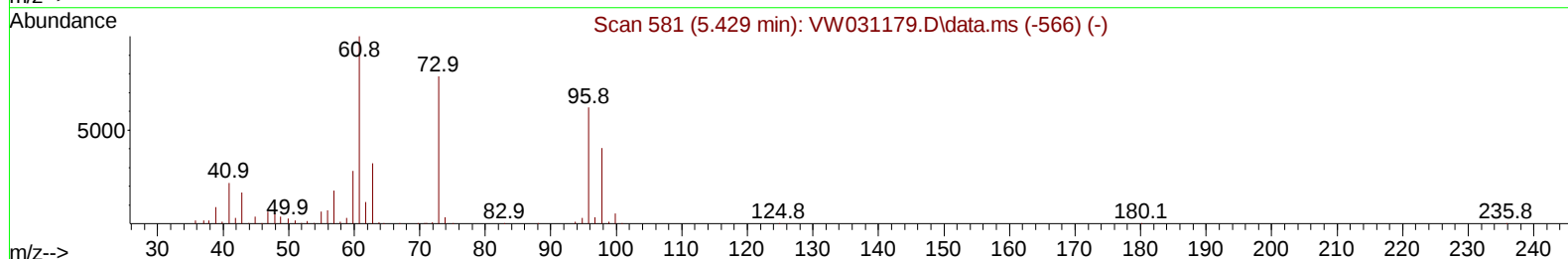
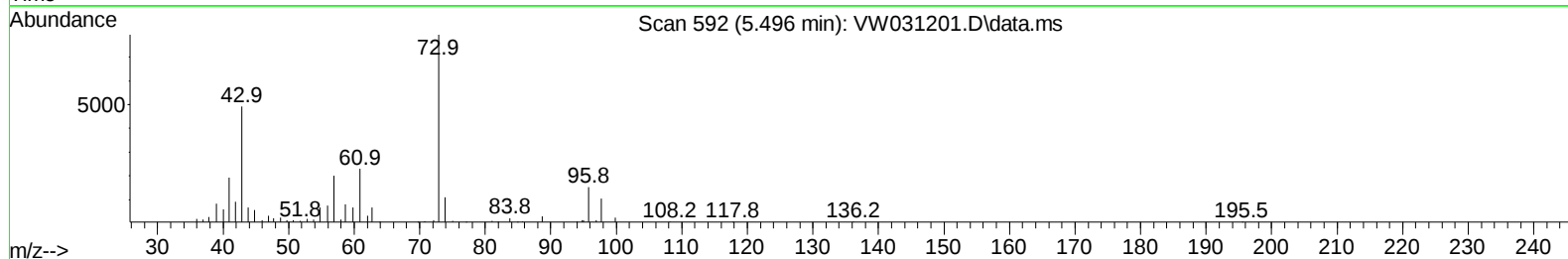
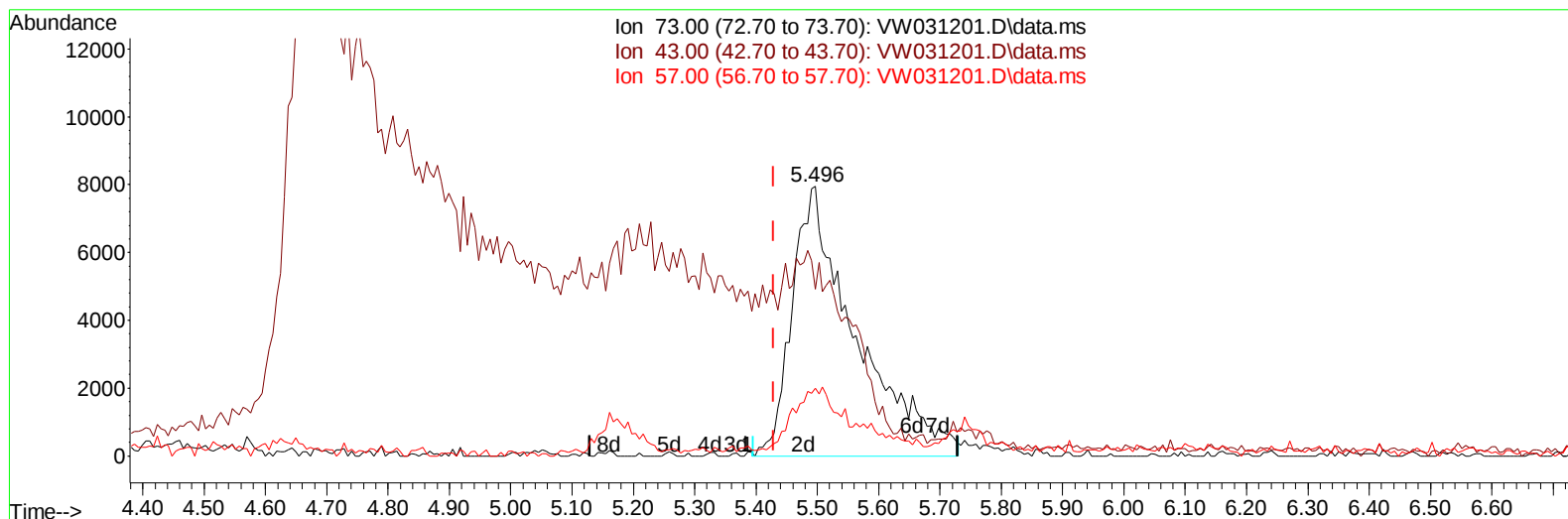
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
Data File : VW031201.D
Acq On : 10 Dec 2024 19:06
Operator : SY/MD
Sample : P5153-19MSD
Misc : 5.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(18) Methyl tert-butyl Ether (T)

5.496min (+ 0.067) 7.01 ug/L m

response 56890

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	19.20	0.00#
57.00	22.00	0.28#
0.00	0.00	0.00

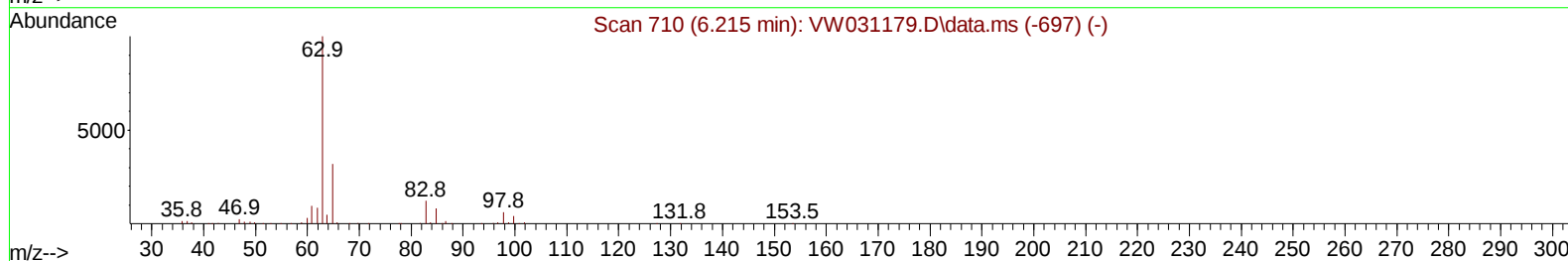
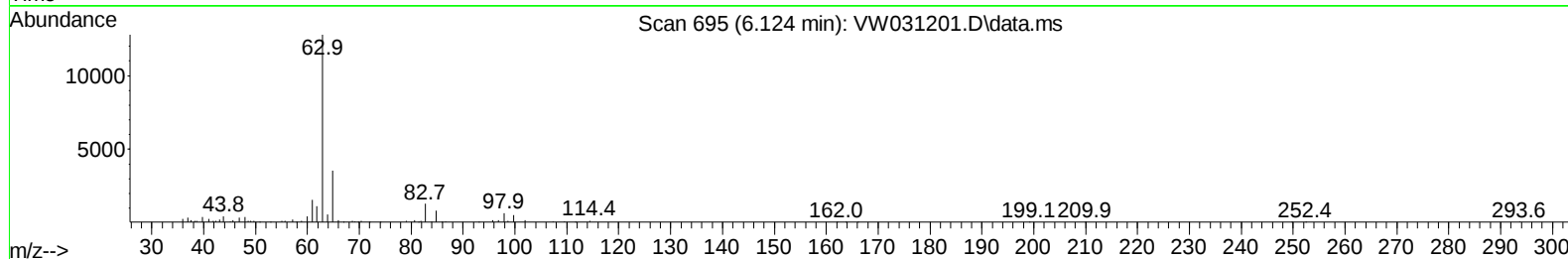
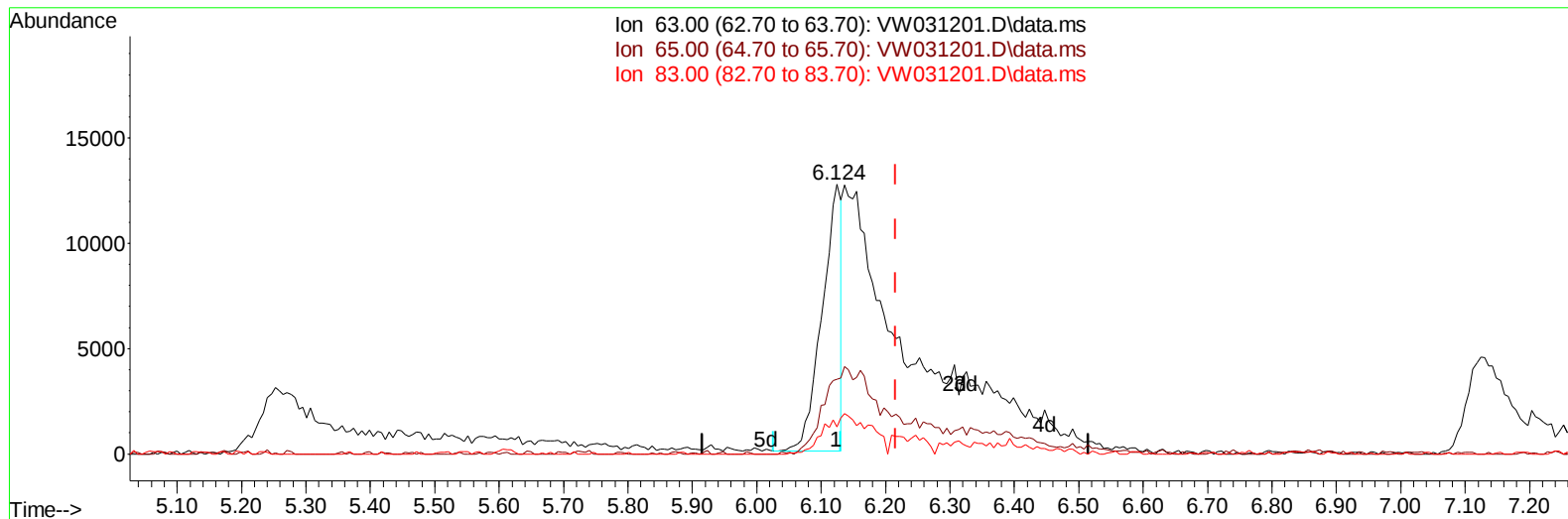
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
Data File : VW031201.D
Acq On : 10 Dec 2024 19:06
Operator : SY/MD
Sample : P5153-19MSD
Misc : 5.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(19) 1,1-Dichloroethane (T)

6.124min (-0.091) 2.50 ug/L

response 26643

Ion	Exp%	Act%
63.00	100.00	100.00
65.00	31.00	27.67
83.00	12.70	10.13
0.00	0.00	0.00

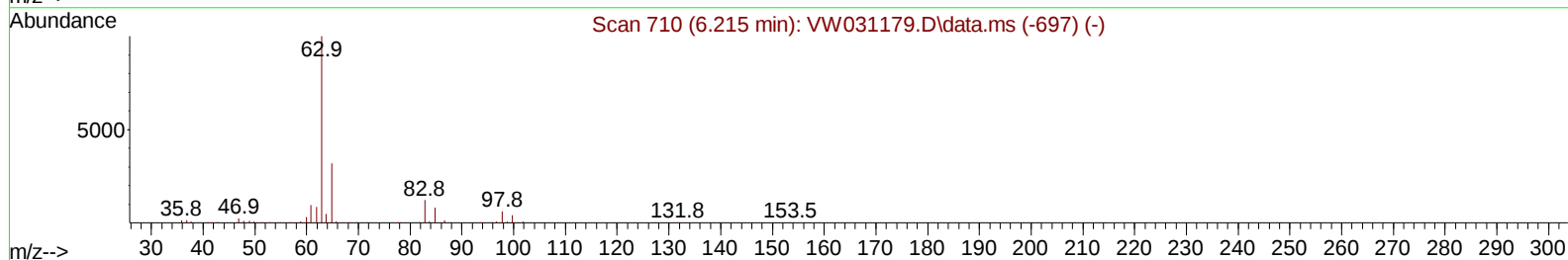
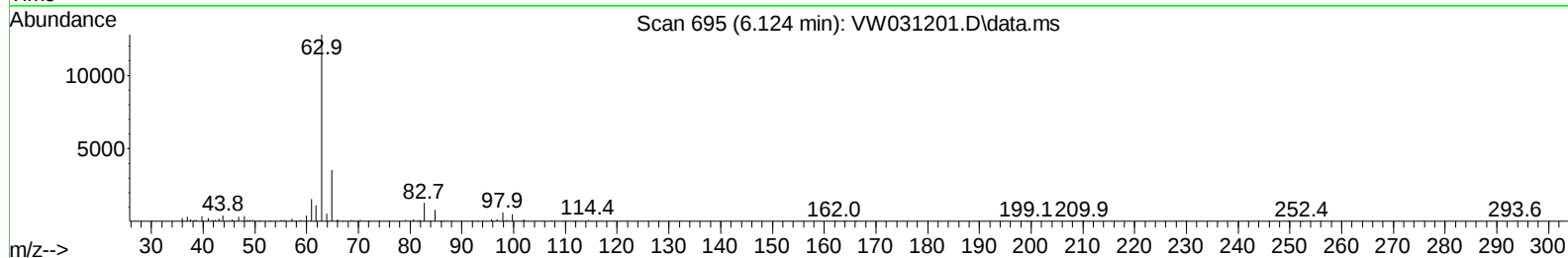
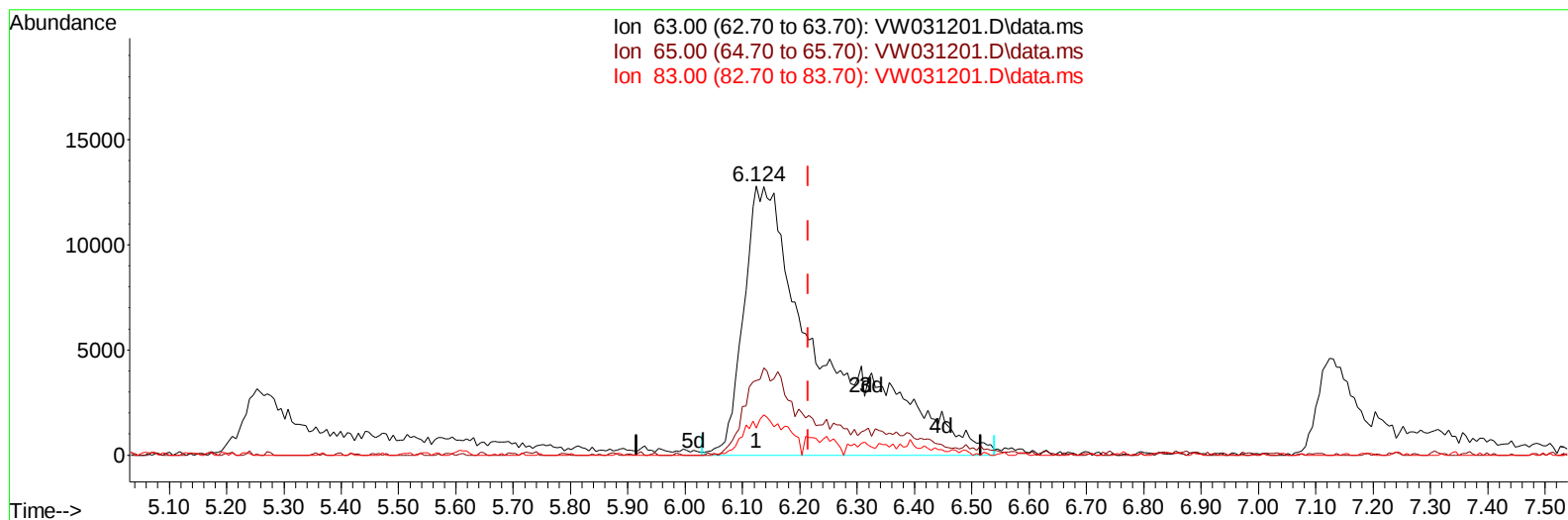
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
Data File : VW031201.D
Acq On : 10 Dec 2024 19:06
Operator : SY/MD
Sample : P5153-19MSD
Misc : 5.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(19) 1,1-Dichloroethane (T)

6.124min (-0.091) 11.50 ug/L m

response 122700

Ion	Exp%	Act%
63.00	100.00	100.00
65.00	31.00	27.67
83.00	12.70	10.13
0.00	0.00	0.00

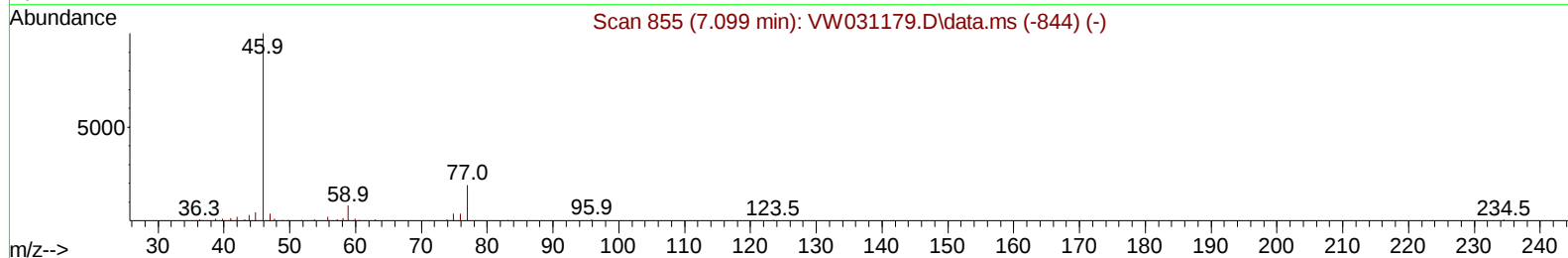
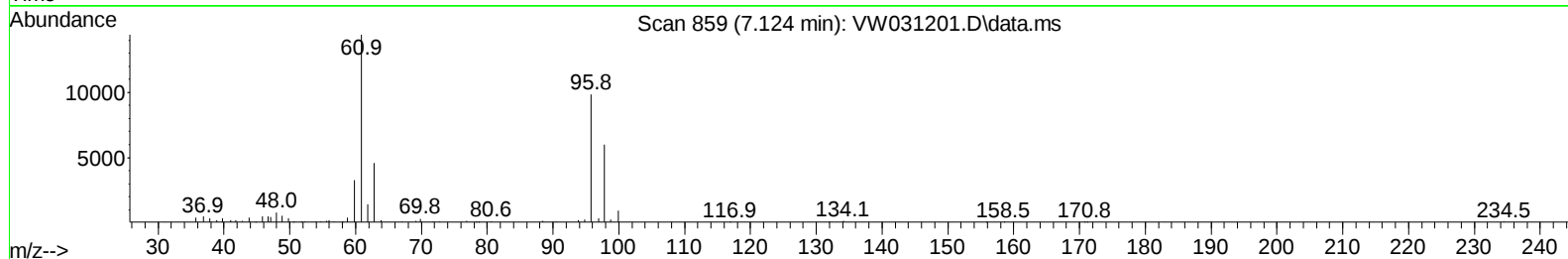
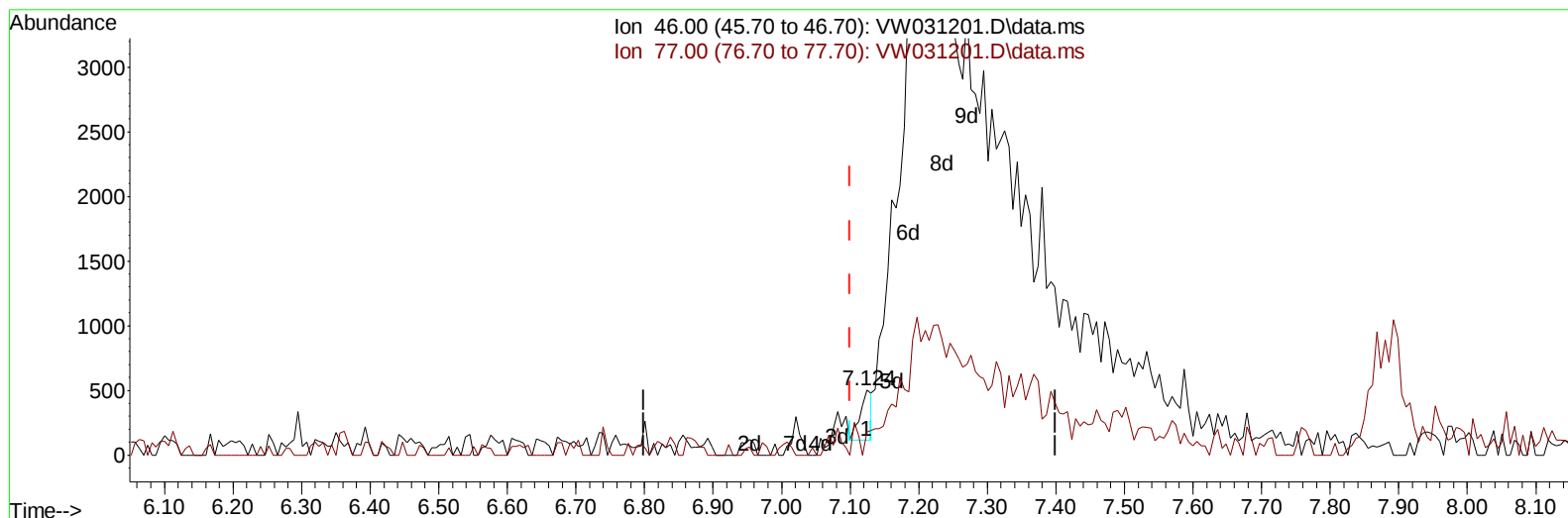
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
 Data File : VW031201.D
 Acq On : 10 Dec 2024 19:06
 Operator : SY/MD
 Sample : P5153-19MSD
 Misc : 5.99g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 11 00:26:57 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
 Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(21) 2-Butanone-d5 (S)

7.124min (+ 0.025) 0.45 ug/L

response 464

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	27.80	31.68
0.00	0.00	0.00
0.00	0.00	0.00

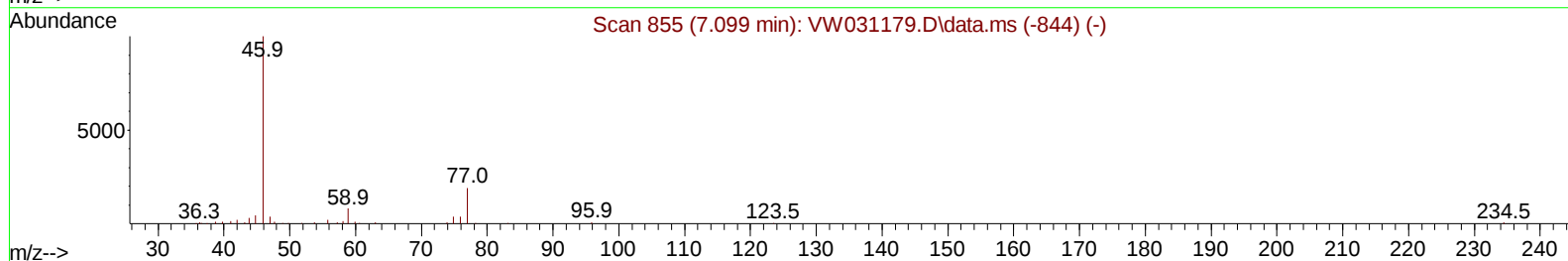
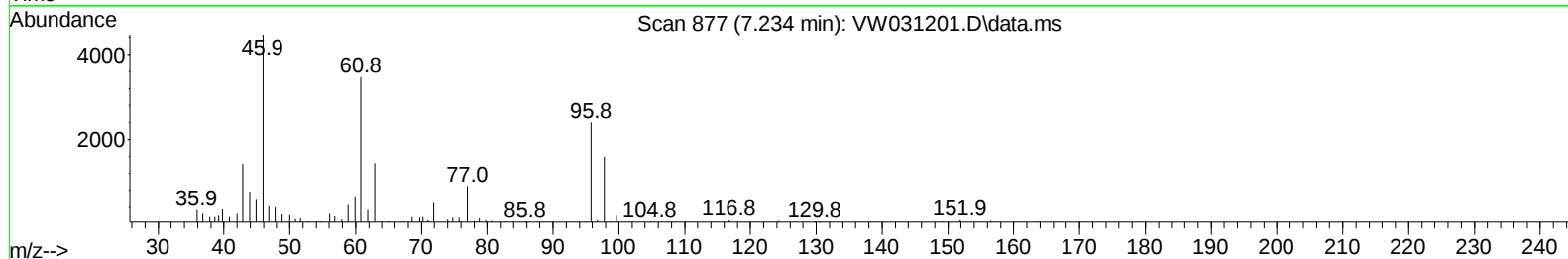
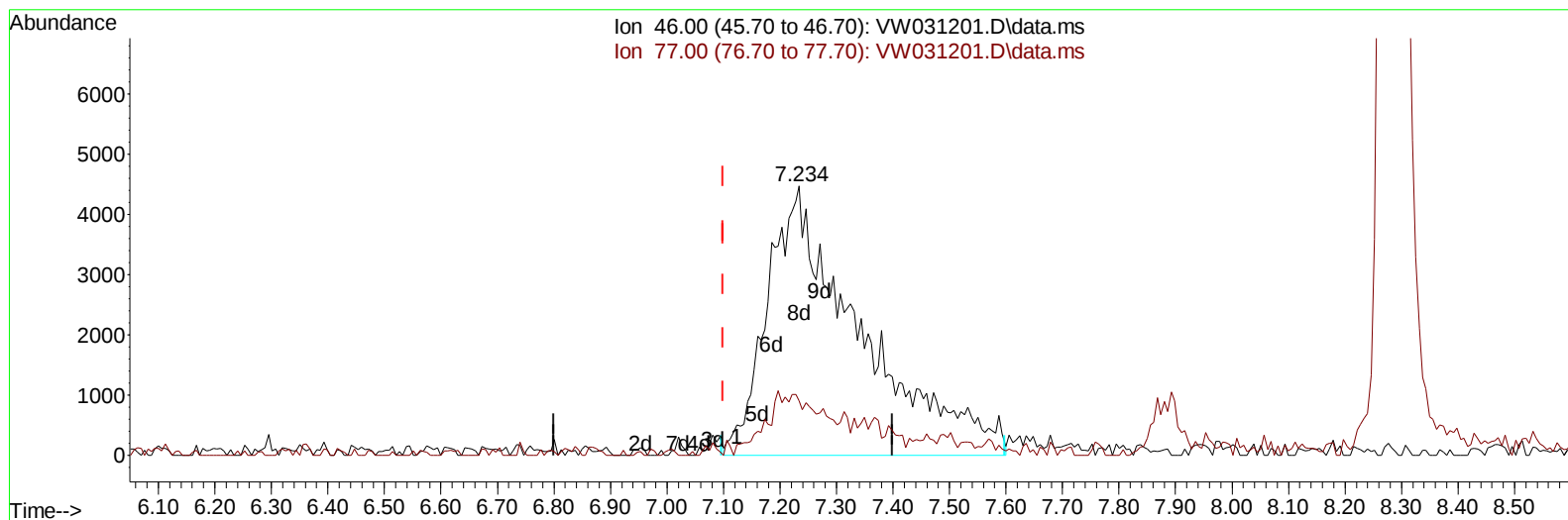
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
 Data File : VW031201.D
 Acq On : 10 Dec 2024 19:06
 Operator : SY/MD
 Sample : P5153-19MSD
 Misc : 5.99g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 11 00:26:57 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
 Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(21) 2-Butanone-d5 (S)

7.234min (+ 0.134) 48.69 ug/L m

response 50344

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	27.80	0.29#
0.00	0.00	0.00
0.00	0.00	0.00

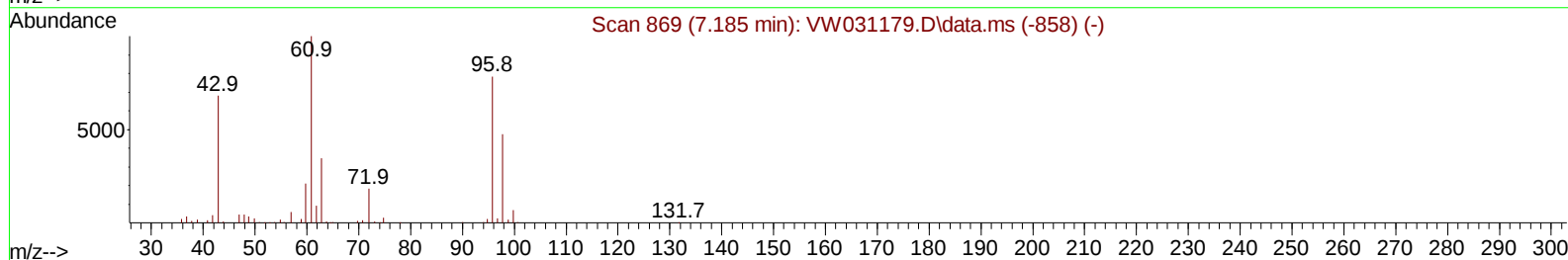
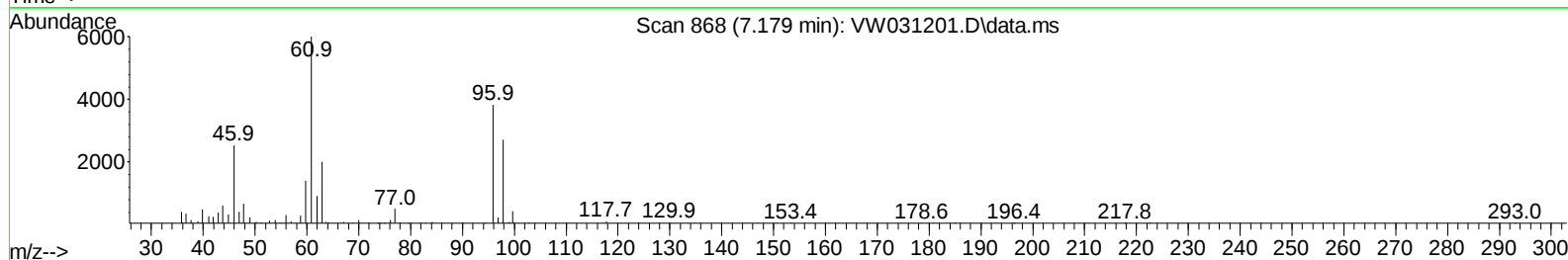
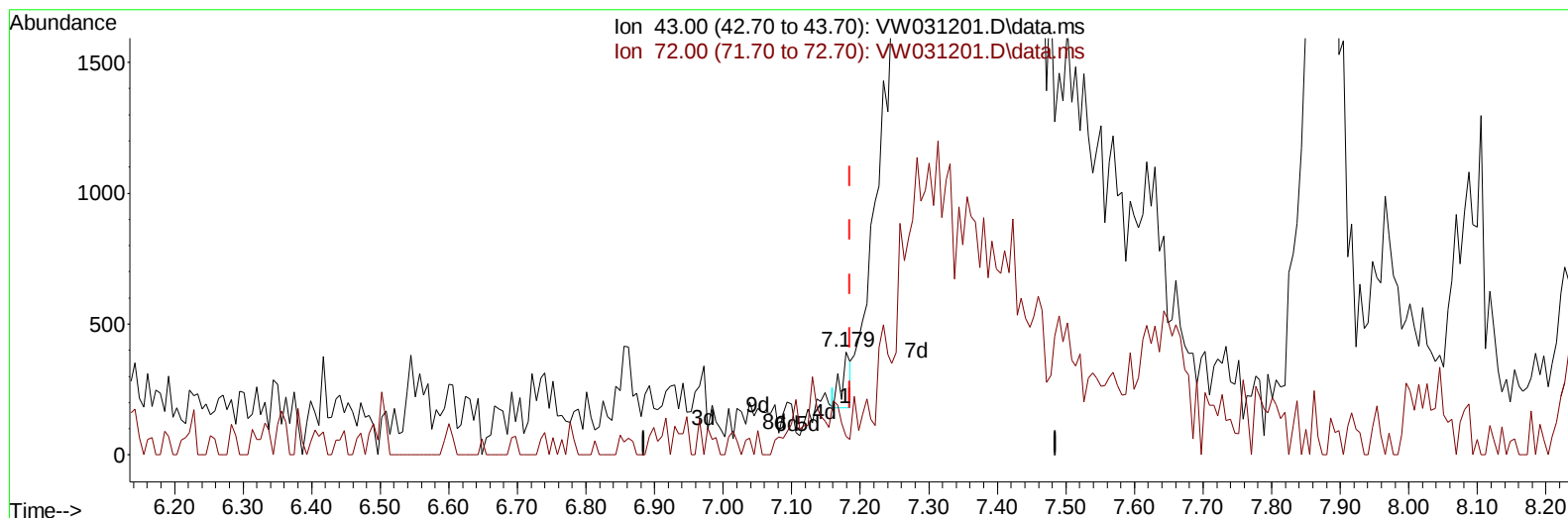
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
Data File : VW031201.D
Acq On : 10 Dec 2024 19:06
Operator : SY/MD
Sample : P5153-19MSD
Misc : 5.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(22) 2-Butanone (T)

7.179min (-0.006) 0.12 ug/L

response 203

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	29.80	36.45
0.00	0.00	0.00
0.00	0.00	0.00

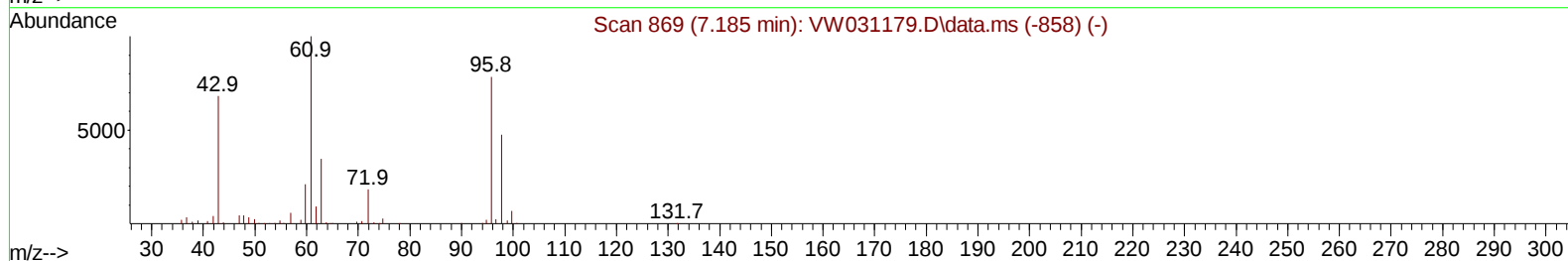
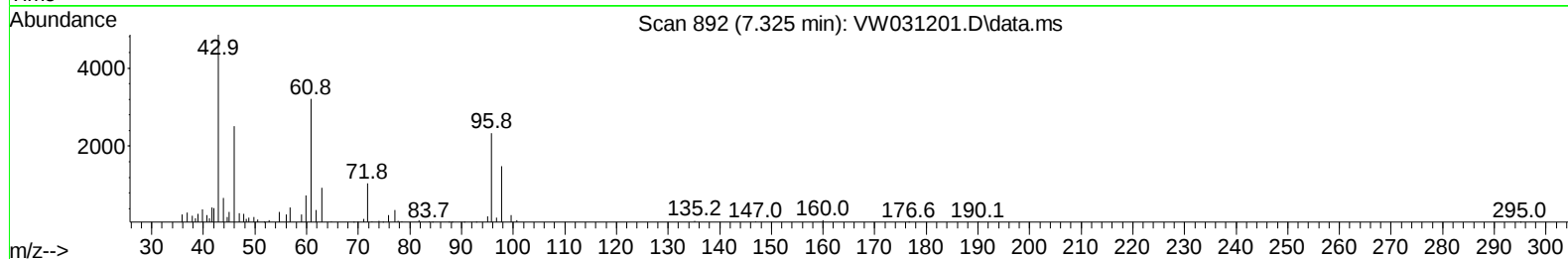
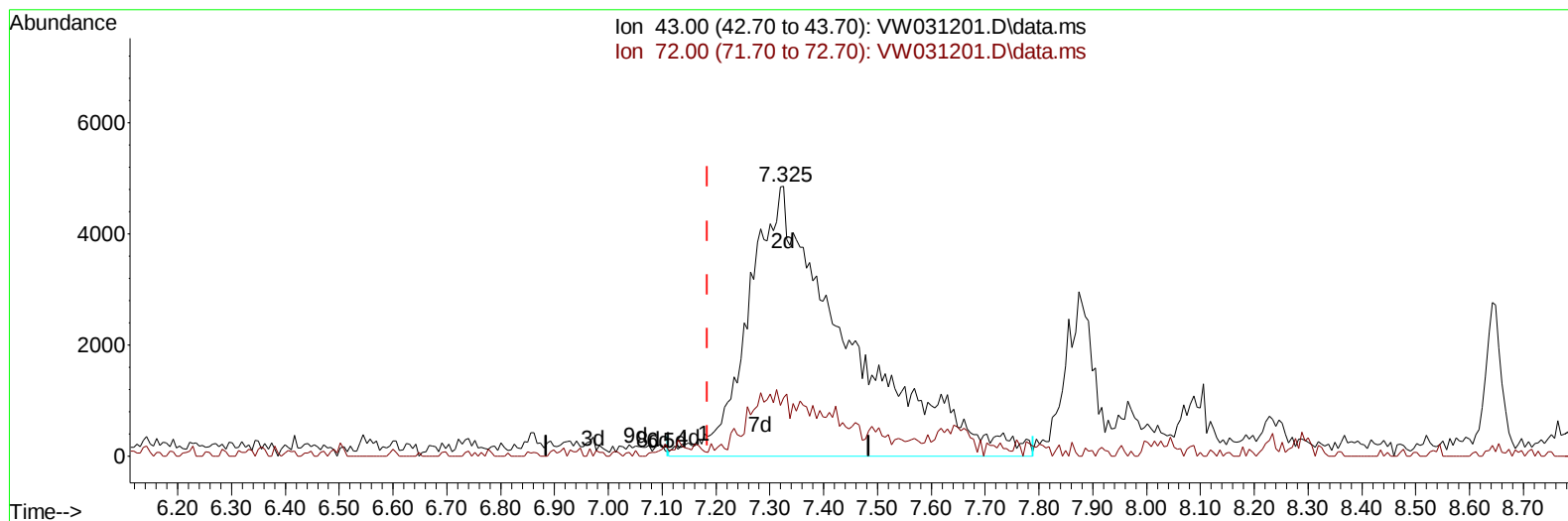
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
 Data File : VW031201.D
 Acq On : 10 Dec 2024 19:06
 Operator : SY/MD
 Sample : P5153-19MSD
 Misc : 5.99g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 11 00:26:57 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
 Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(22) 2-Butanone (T)

7.325min (+ 0.140) 35.47 ug/L m

response 62054

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	29.80	0.12#
0.00	0.00	0.00
0.00	0.00	0.00

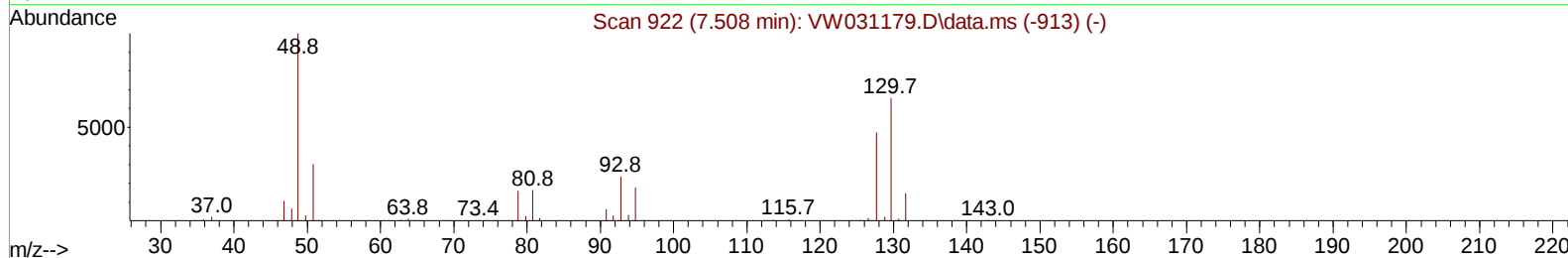
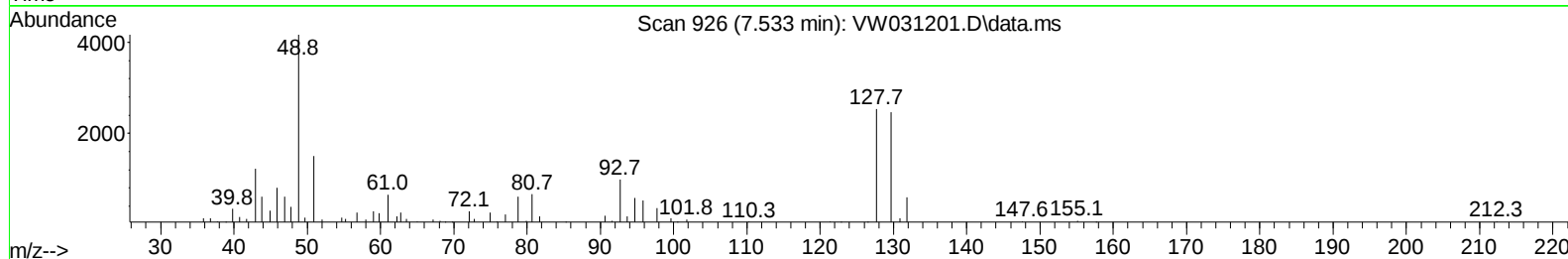
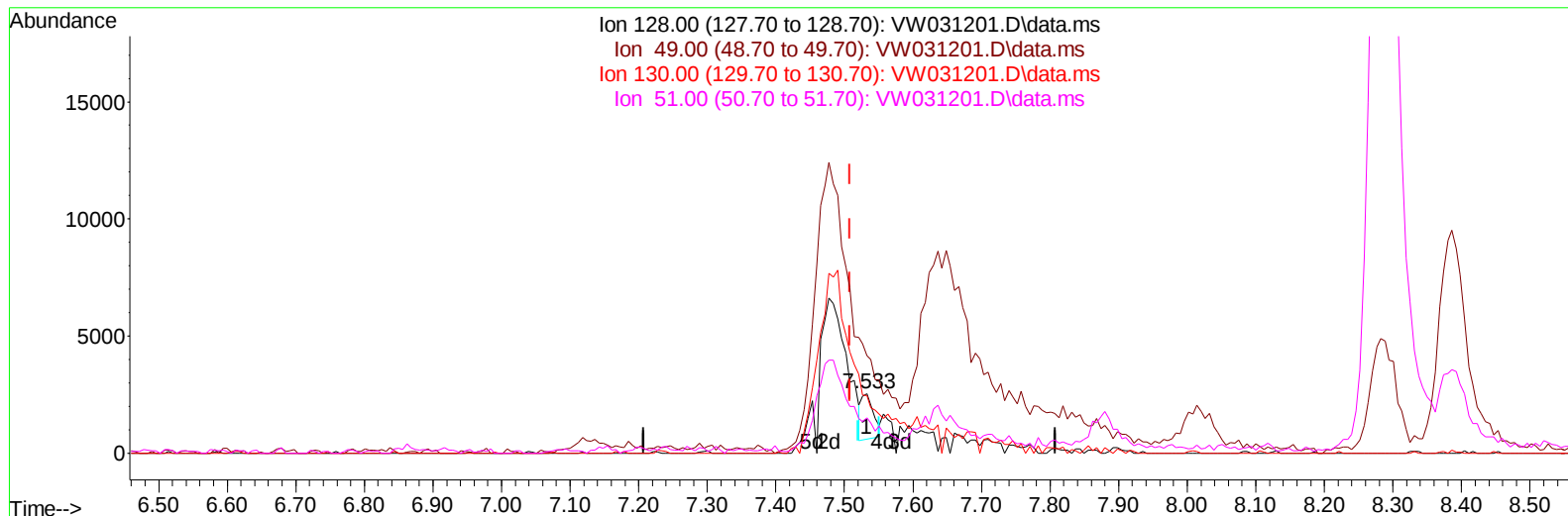
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
Data File : VW031201.D
Acq On : 10 Dec 2024 19:06
Operator : SY/MD
Sample : P5153-19MSD
Misc : 5.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(23) Bromochloromethane (T)

7.533min (+ 0.025) 0.94 ug/L

response 2421

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	158.50	170.61
130.00	133.80	97.04
51.00	50.70	59.57

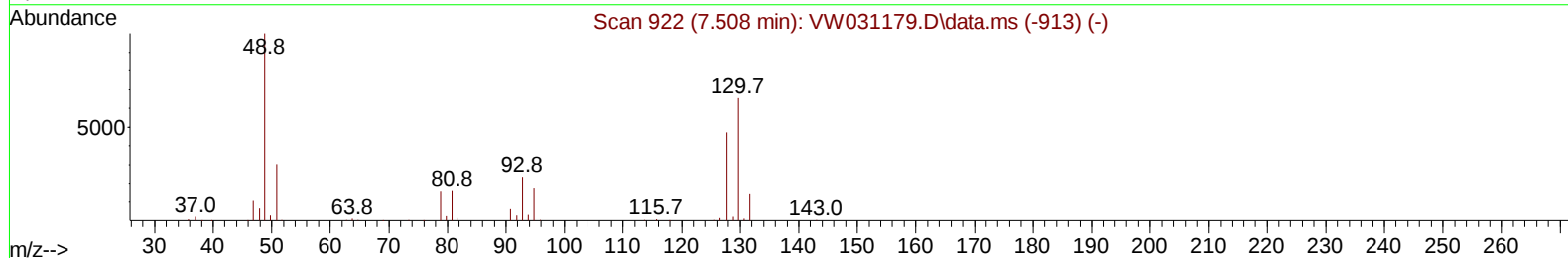
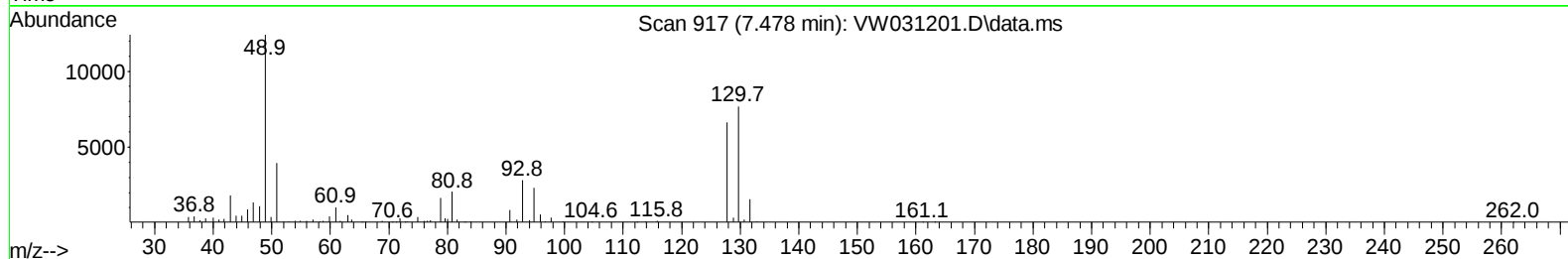
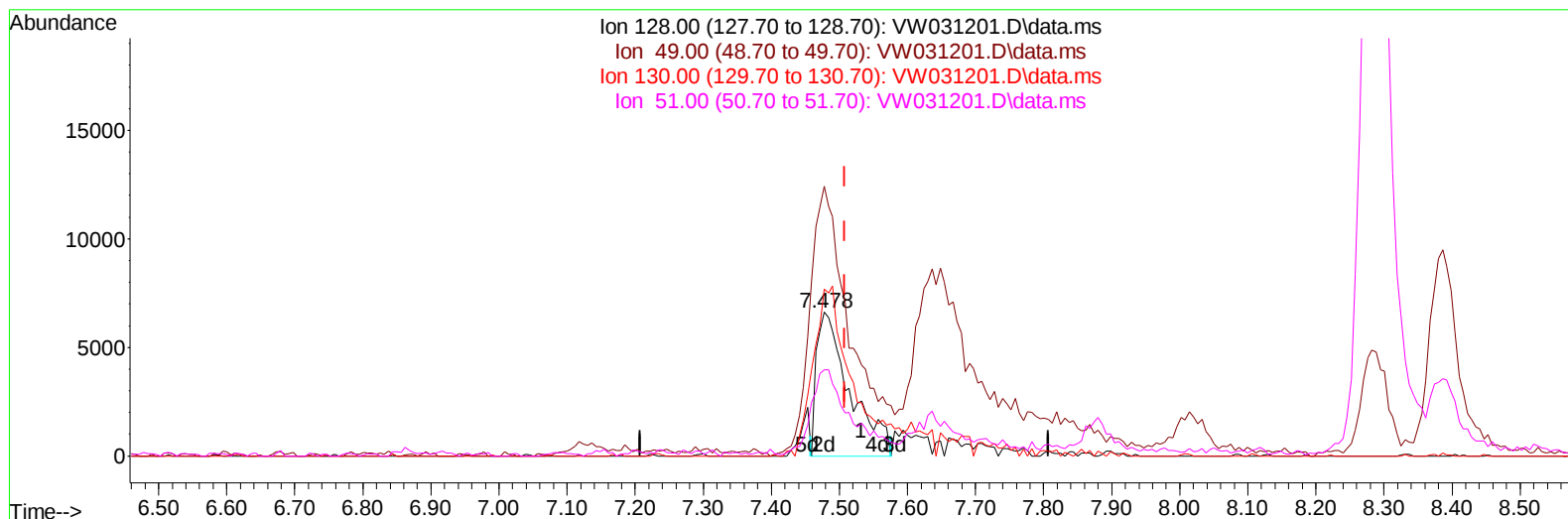
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
 Data File : VW031201.D
 Acq On : 10 Dec 2024 19:06
 Operator : SY/MD
 Sample : P5153-19MSD
 Misc : 5.99g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 11 00:26:57 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
 Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(23) Bromochloromethane (T)

7.478min (-0.030) 8.59 ug/L m

response 22223

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	158.50	187.48
130.00	133.80	116.04
51.00	50.70	59.98

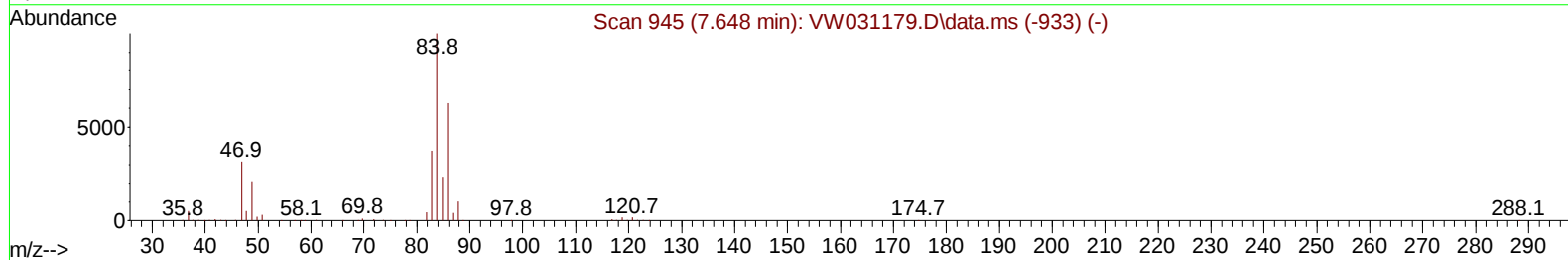
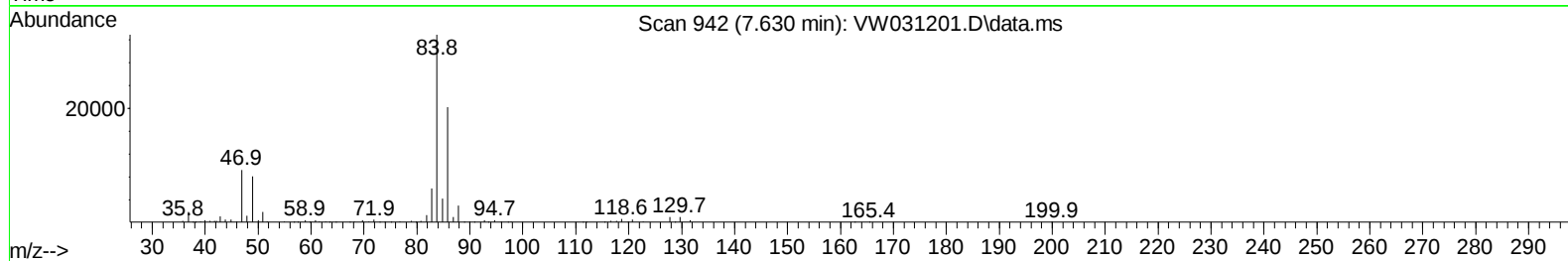
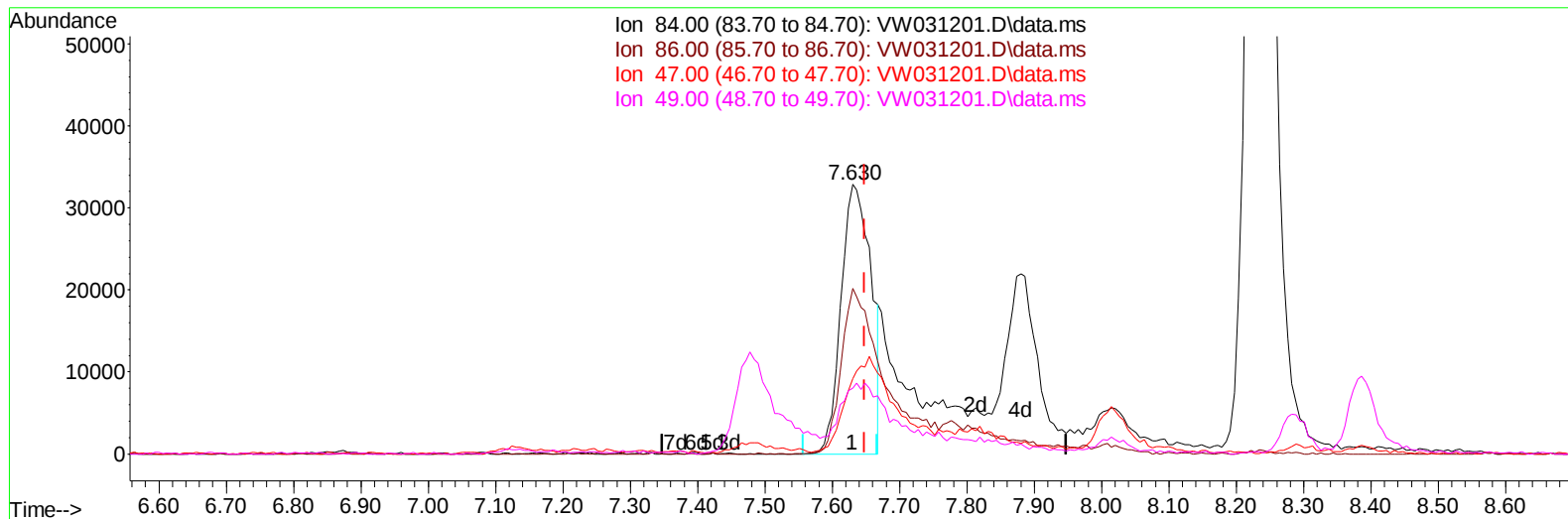
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
Data File : VW031201.D
Acq On : 10 Dec 2024 19:06
Operator : SY/MD
Sample : P5153-19MSD
Misc : 5.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(24) Chloroform-d (S)

7.630min (-0.018) 8.97 ug/L

response 100929

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	63.20	79.92
47.00	39.20	54.11#
49.00	22.30	12.46#

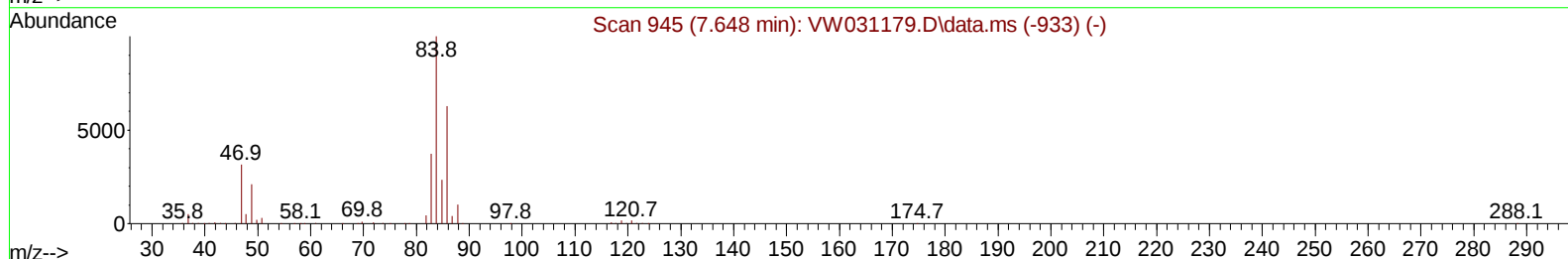
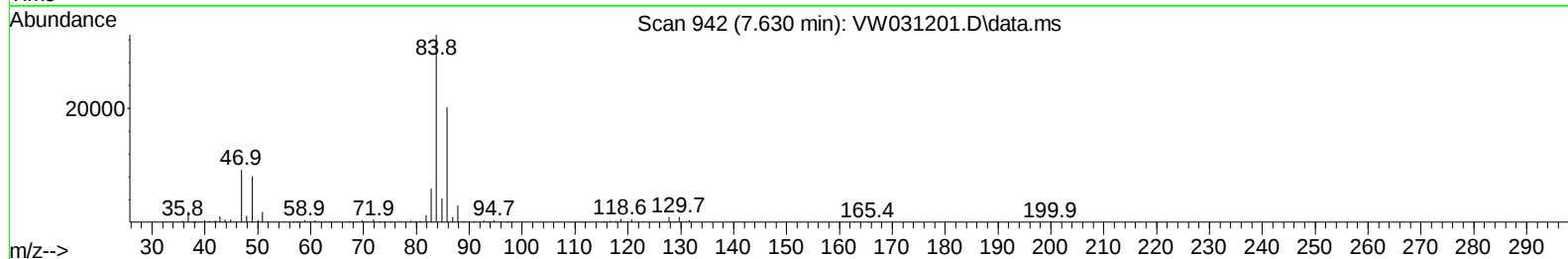
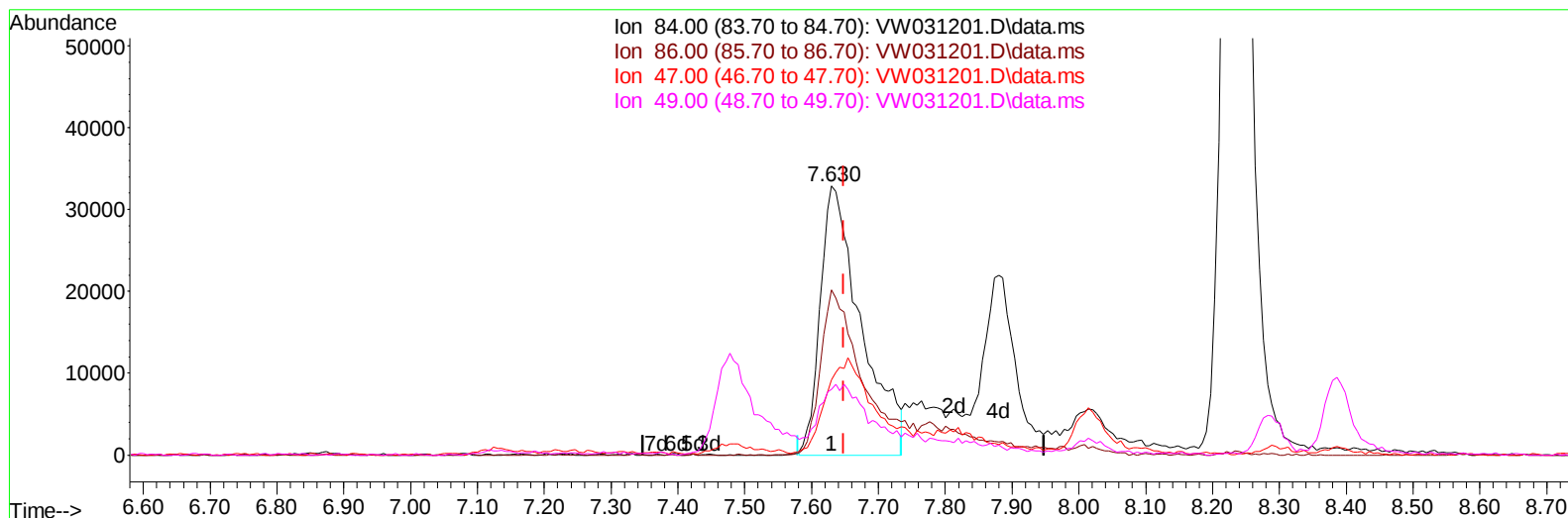
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
Data File : VW031201.D
Acq On : 10 Dec 2024 19:06
Operator : SY/MD
Sample : P5153-19MSD
Misc : 5.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(24) Chloroform-d (S)

7.630min (-0.018) 12.39 ug/L m

response 139440

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	63.20	57.85
47.00	39.20	39.17
49.00	22.30	9.02#

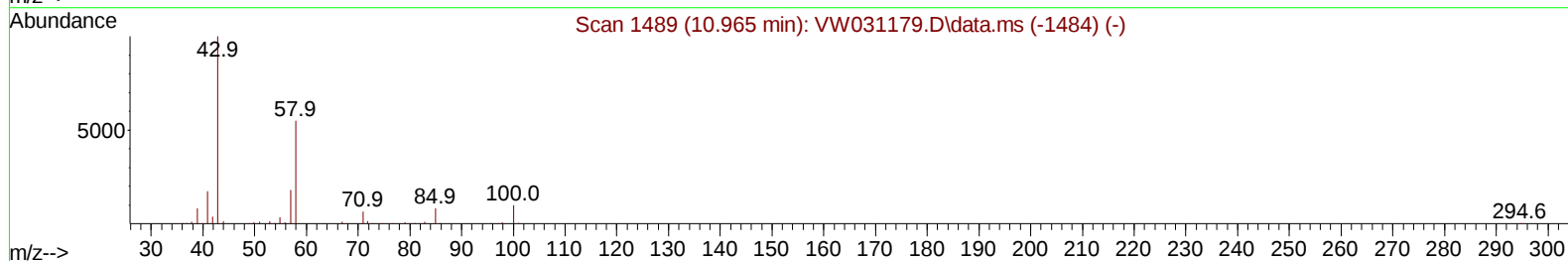
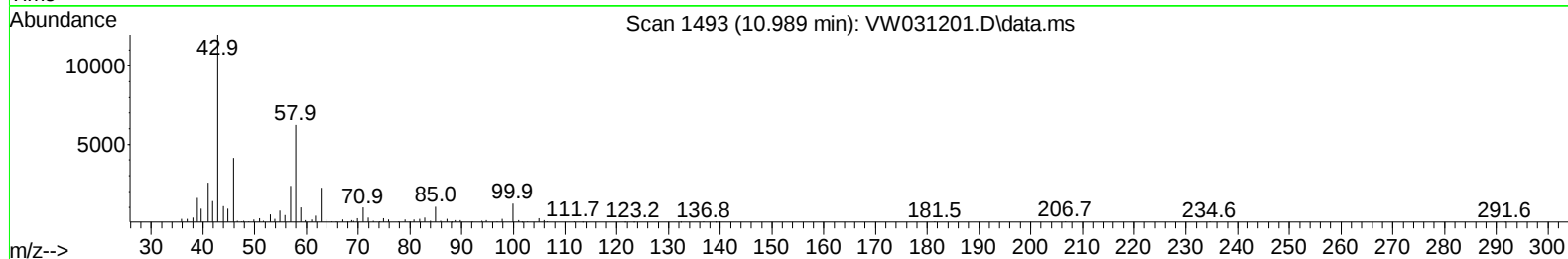
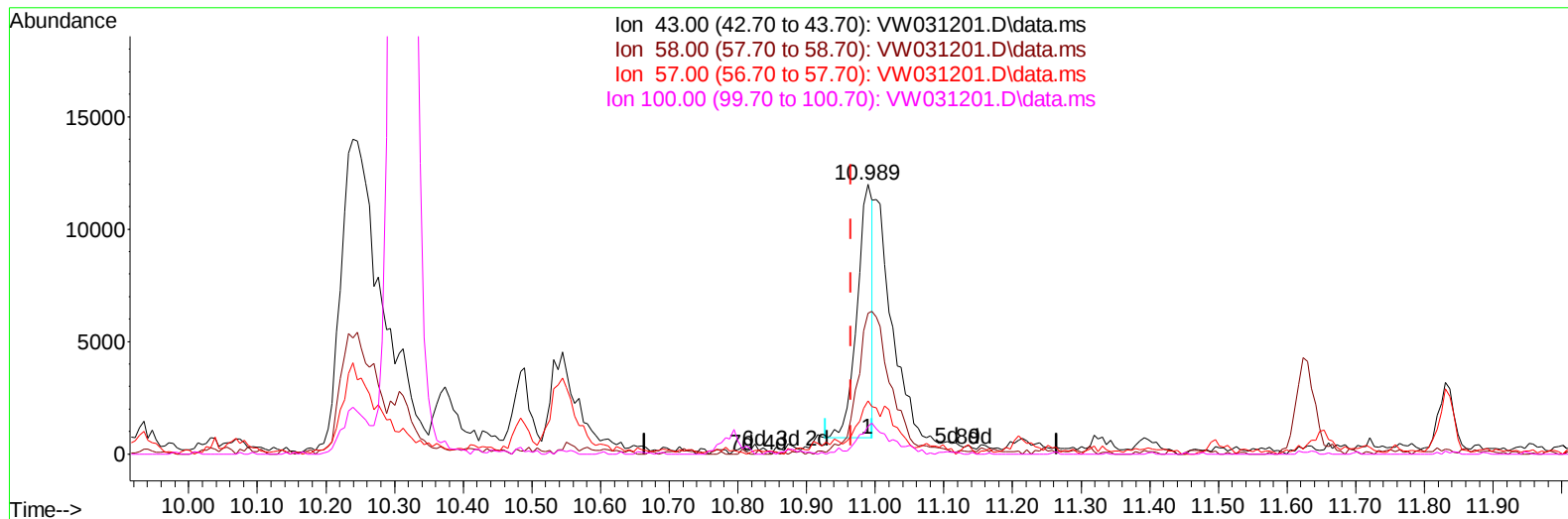
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
 Data File : VW031201.D
 Acq On : 10 Dec 2024 19:06
 Operator : SY/MD
 Sample : P5153-19MSD
 Misc : 5.99g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 11 00:26:57 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
 Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(48) 2-Hexanone (T)

10.989min (+ 0.025) 12.53 ug/L

response 18036

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	62.20	112.19#
57.00	20.70	25.45#
100.00	14.30	17.04

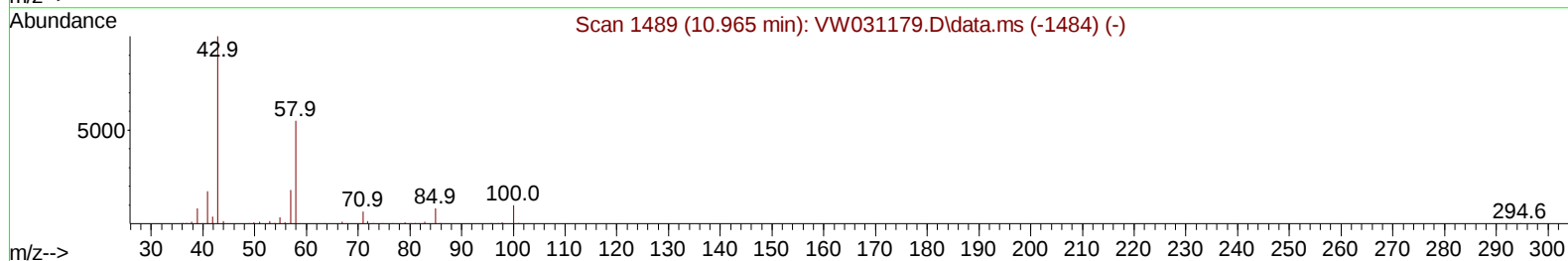
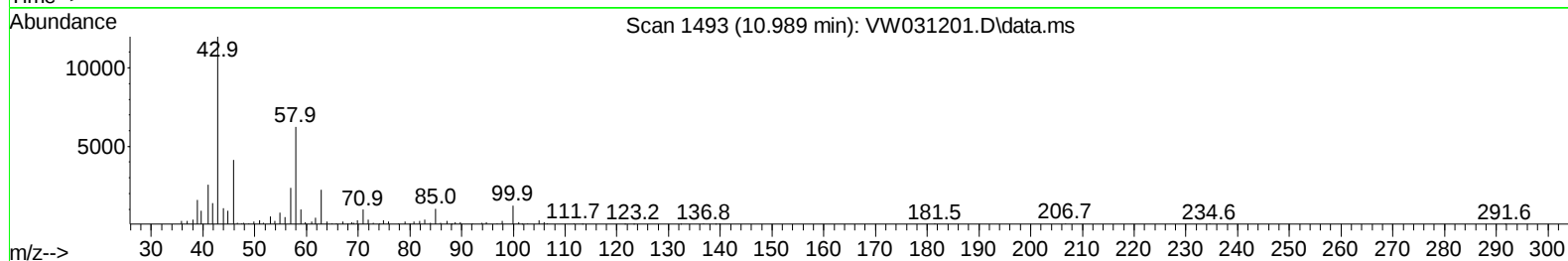
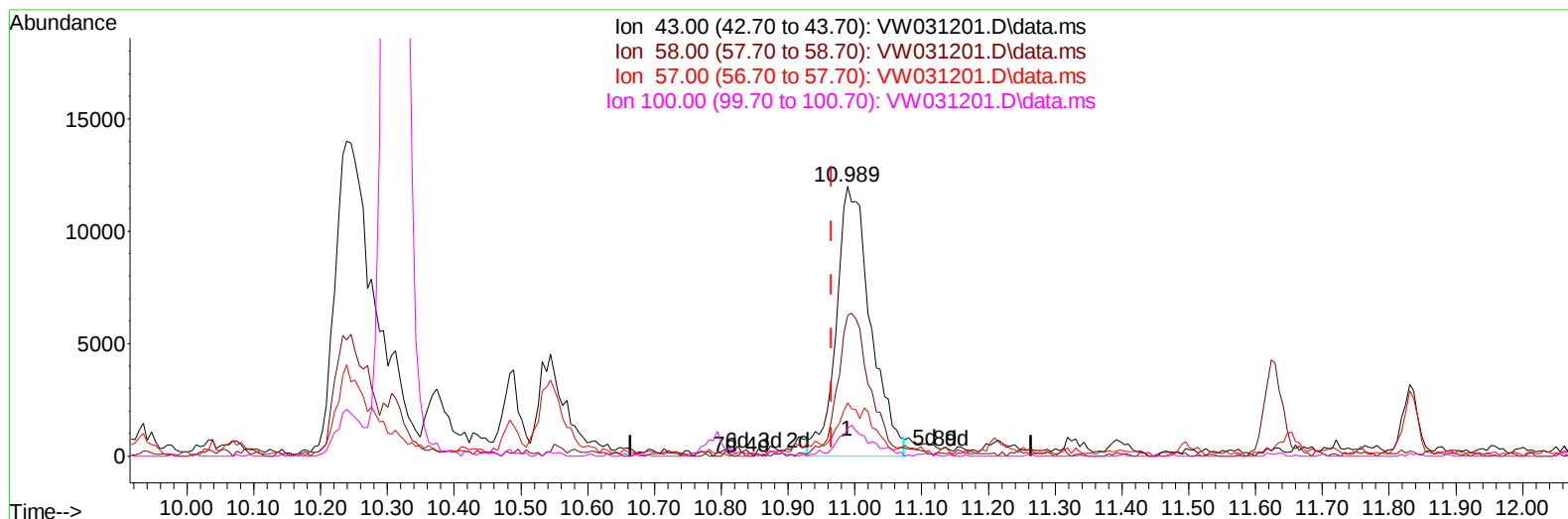
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
Data File : VW031201.D
Acq On : 10 Dec 2024 19:06
Operator : SY/MD
Sample : P5153-19MSD
Misc : 5.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(48) 2-Hexanone (T)

10.989min (+ 0.025) 29.74 ug/L m

response 42790

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	62.20	47.29#
57.00	20.70	10.73#
100.00	14.30	7.18#

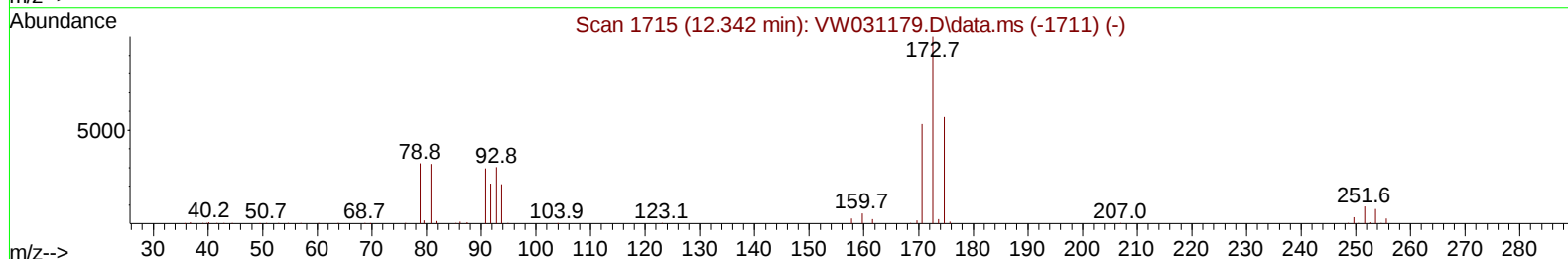
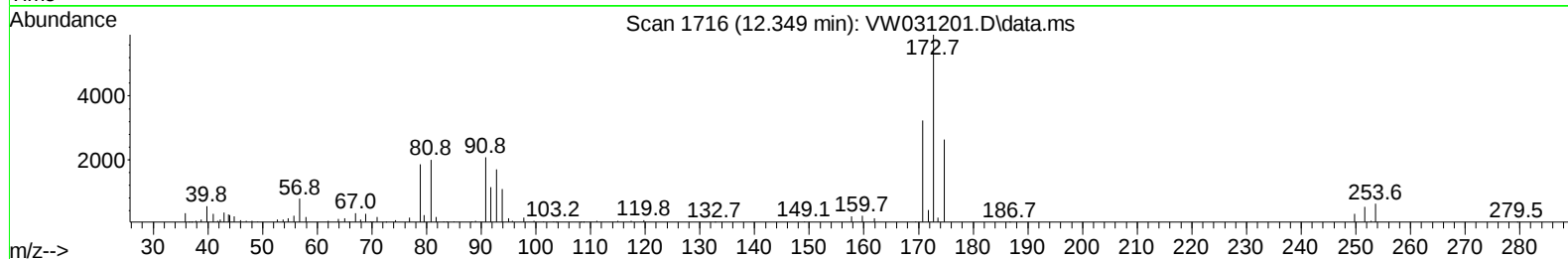
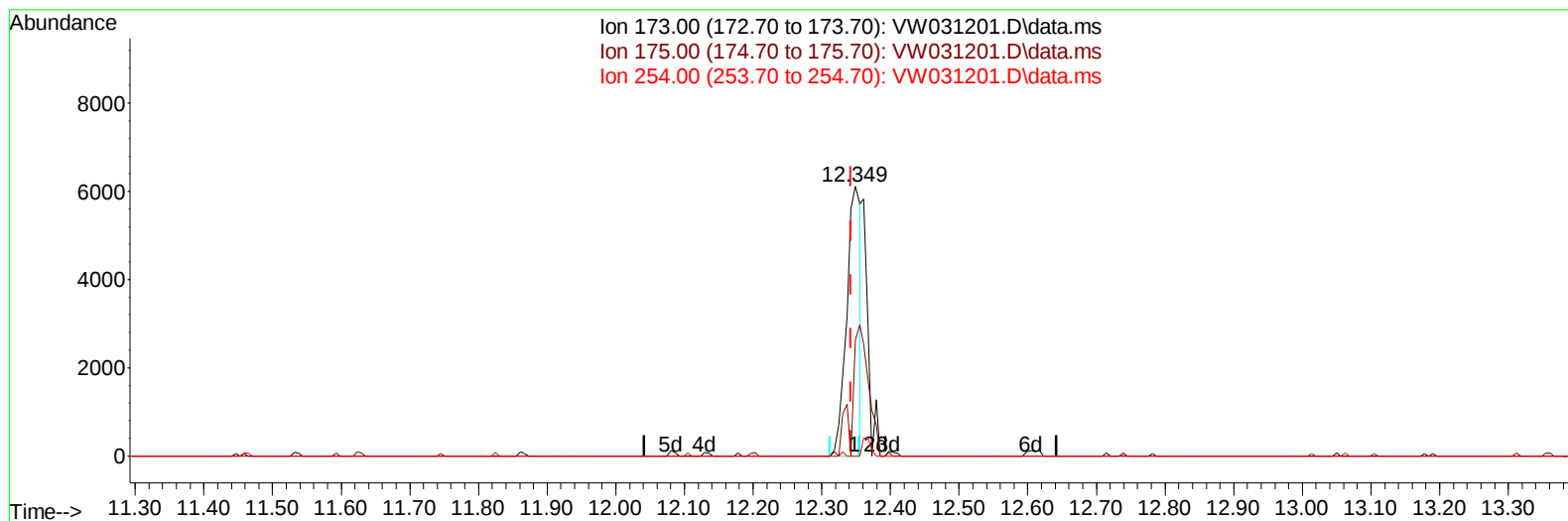
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
Data File : VW031201.D
Acq On : 10 Dec 2024 19:06
Operator : SY/MD
Sample : P5153-19MSD
Misc : 5.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(59) Bromoform (T)

12.349min (+ 0.006) 13.43 ug/L

response 8513

Ion	Exp%	Act%
173.00	100.00	100.00
175.00	45.70	49.83
254.00	9.60	4.12#
0.00	0.00	0.00

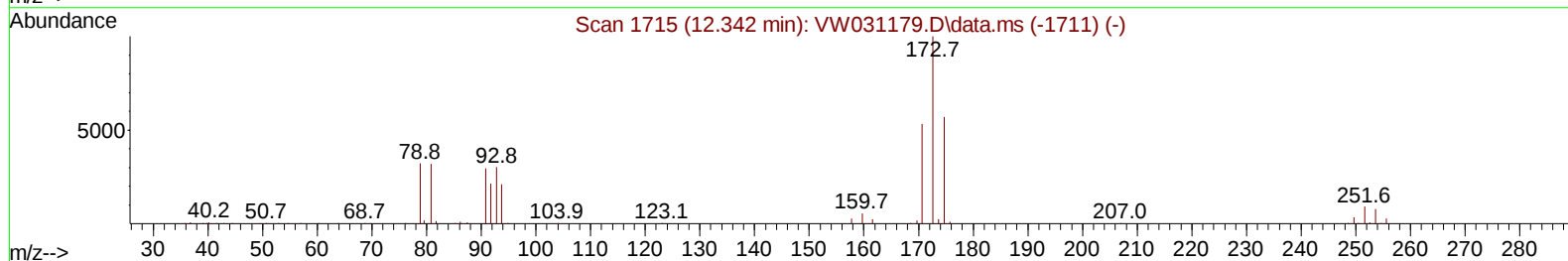
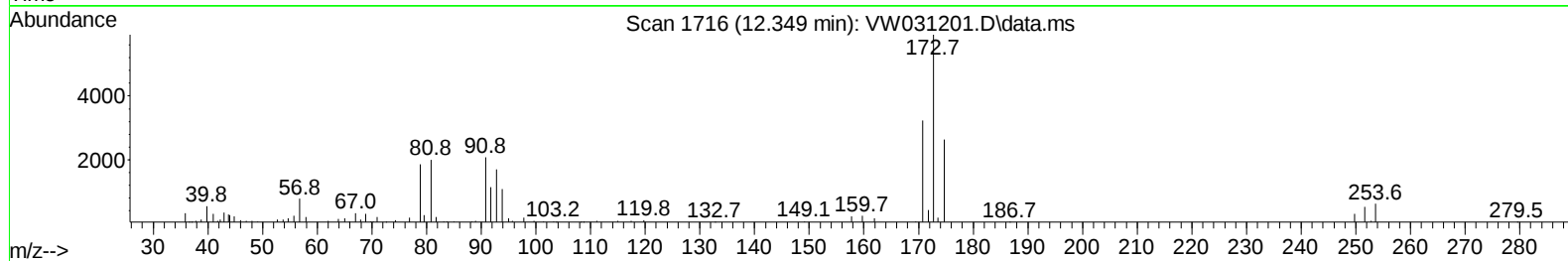
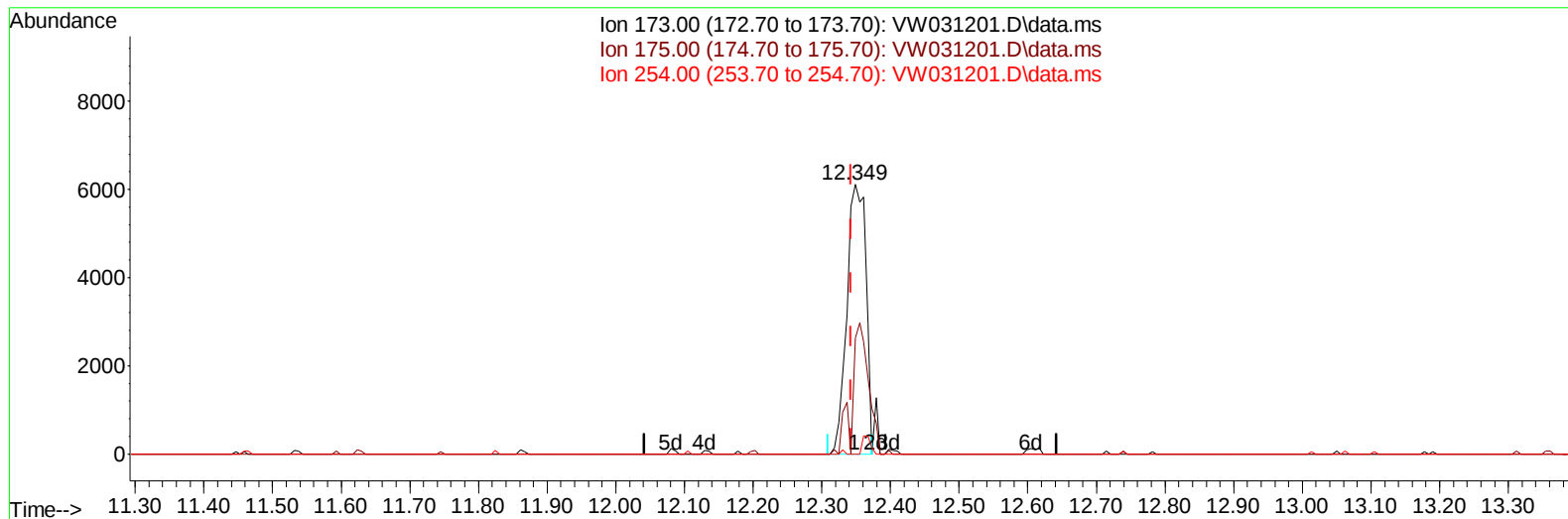
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
Data File : VW031201.D
Acq On : 10 Dec 2024 19:06
Operator : SY/MD
Sample : P5153-19MSD
Misc : 5.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 11 00:26:57 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024
Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031201.D\data.ms

(59) Bromoform (T)

12.349min (+ 0.006) 18.49 ug/L m

response 11723

Ion	Exp%	Act%
173.00	100.00	100.00
175.00	45.70	36.19#
254.00	9.60	2.99#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw121024\
 Data File : VW031201.D
 Acq On : 10 Dec 2024 19:06
 Operator : SY/MD
 Sample : P5153-19MSD
 Misc : 5.99g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28Q4MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:34:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 11 00:26:57 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.831	114	384156	25.000	ug/L	#-0.01
28) Chlorobenzene-d5	11.629	117	211130	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	43386	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.344	65	89383	15.119	ug/L	-0.02
Spiked Amount 25.000	Range 30	- 150	Recovery	=	60.480%	
7) Chloroethane-d5	2.832	69	33939	7.400	ug/L	-0.06
Spiked Amount 25.000	Range 30	- 150	Recovery	=	29.600%#	
11) 1,1-Dichloroethene-d2	4.027	65	316	0.117	ug/L	0.01
Spiked Amount 25.000	Range 45	- 110	Recovery	=	0.480%#	
21) 2-Butanone-d5	7.234	46	50344m	48.693	ug/L	0.13
Spiked Amount 50.000	Range 20	- 135	Recovery	=	97.380%	
24) Chloroform-d	7.630	84	139440m	12.393	ug/L	-0.02
Spiked Amount 25.000	Range 40	- 150	Recovery	=	49.560%	
26) 1,2-Dichloroethane-d4	8.289	65	105804	19.110	ug/L	-0.01
Spiked Amount 25.000	Range 70	- 130	Recovery	=	76.440%	
32) Benzene-d6	8.234	84	362878	27.964	ug/L	-0.04
Spiked Amount 25.000	Range 20	- 135	Recovery	=	111.840%	
36) 1,2-Dichloropropane-d6	9.264	67	131459	34.584	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	138.320%#	
41) Toluene-d8	10.313	98	262996	22.458	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	89.840%	
43) trans-1,3-Dichloroprop...	10.575	79	34937	22.830	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	91.320%	
47) 2-Hexanone-d5	10.947	63	18619	41.809	ug/L	0.02
Spiked Amount 50.000	Range 20	- 135	Recovery	=	83.620%	
56) 1,1,2,2-Tetrachloroeth...	12.696	84	38793	15.122	ug/L	0.01
Spiked Amount 25.000	Range 45	- 120	Recovery	=	60.480%	
66) 1,2-Dichlorobenzene-d4	13.849	152	27343	17.743	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	70.960%#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	83012	17.112	ug/L	98
3) Chloromethane	2.204	50	121969	21.318	ug/L	99
5) Vinyl chloride	2.357	62	97919	14.247	ug/L	99
6) Bromomethane	2.753	94	35968	8.230	ug/L	100
8) Chloroethane	2.857	64	33649m	8.185	ug/L	
9) Trichlorofluoromethane	3.113	101	32512m	4.496	ug/L	
15) Methyl Acetate	4.667	43	136100m	69.680	ug/L	
16) Methylene chloride	4.771	84	67806m	12.195	ug/L	
17) trans-1,2-Dichloroethene	5.277	96	45270m	7.806	ug/L	
18) Methyl tert-butyl Ether	5.496	73	56890m	7.012	ug/L	
19) 1,1-Dichloroethane	6.124	63	122700m	11.503	ug/L	
20) cis-1,2-Dichloroethene	7.124	96	41573	6.825	ug/L	83
22) 2-Butanone	7.325	43	62054m	35.473	ug/L	
23) Bromochloromethane	7.478	128	22223m	8.592	ug/L	
25) Chloroform	7.667	83	100892	9.094	ug/L	90
27) 1,2-Dichloroethane	8.386	62	101571	14.863	ug/L	98
29) Cyclohexane	7.880	56	75927	14.287	ug/L	86
30) 1,1,1-Trichloroethane	7.825	97	90873	15.979	ug/L #	93

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 11 00:26:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	8.020	117	78728	15.150	ug/L	95
33) Benzene	8.289	78	358372	25.101	ug/L	100
34) Trichloroethene	9.069	95	76866	19.518	ug/L	90
35) Methylcyclohexane	9.301	83	110543	17.639	ug/L #	89
37) 1,2-Dichloropropane	9.355	63	86587	24.380	ug/L #	90
38) Bromodichloromethane	9.642	83	83964	18.061	ug/L #	89
39) cis-1,3-Dichloropropene	10.069	75	95516	17.812	ug/L	97
40) 4-Methyl-2-pentanone	10.239	43	51068	32.110	ug/L #	80
42) Toluene	10.374	91	588830	39.151	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	68430	15.522	ug/L	91
45) 1,1,2-Trichloroethane	10.788	97	42313	17.335	ug/L	89
46) Tetrachloroethene	10.849	164	40728	13.950	ug/L	90
48) 2-Hexanone	10.989	43	42790m	29.738	ug/L	
49) Dibromochloromethane	11.129	129	34154	12.702	ug/L	85
50) 1,2-Dibromoethane	11.233	107	36026	15.794	ug/L #	86
51) Chlorobenzene	11.654	112	125442	13.066	ug/L	91
52) Ethylbenzene	11.727	91	235991	13.847	ug/L	94
53) m,p-Xylene	11.831	106	95706	15.088	ug/L	90
54) o-Xylene	12.160	106	75995	12.878	ug/L	86
55) Styrene	12.178	104	111009	11.175	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.721	83	28186	10.660	ug/L #	96
59) Bromoform	12.349	173	11723m	18.491	ug/L	
60) Isopropylbenzene	12.459	105	150161	21.440	ug/L #	94
61) 1,2,3-Trichloropropane	12.769	75	26338	32.489	ug/L	92
62) 1,3,5-Trimethylbenzene	12.940	105	92175	16.713	ug/L	93
63) 1,2,4-Trimethylbenzene	13.245	105	91066	16.809	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	39825	13.039	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	43791	14.194	ug/L #	75
67) 1,2-Dichlorobenzene	13.861	146	36905	13.813	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.483	75	3146	17.872	ug/L #	56
69) 1,3,5-Trichlorobenzene	14.623	180	14506	6.990	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	8509	5.229	ug/L	94
71) Naphthalene	15.360	128	20394	7.779	ug/L	94
72) 1,2,3-Trichlorobenzene	15.543	180	5299	3.804	ug/L #	83

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

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