

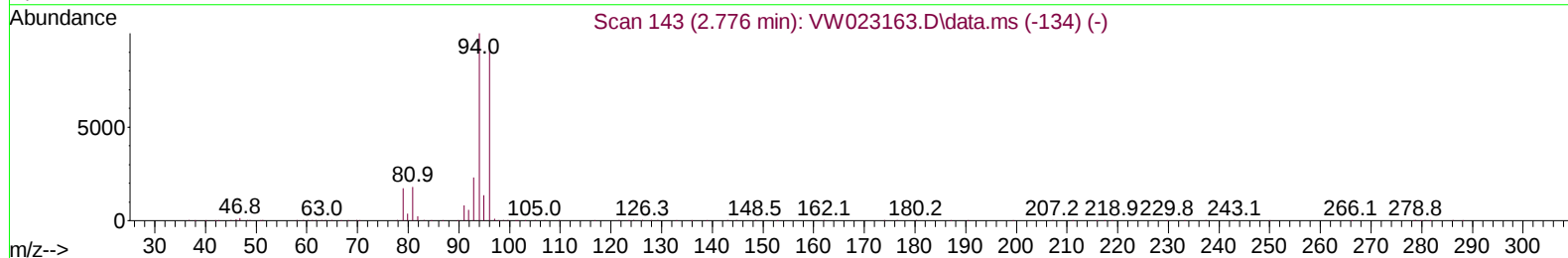
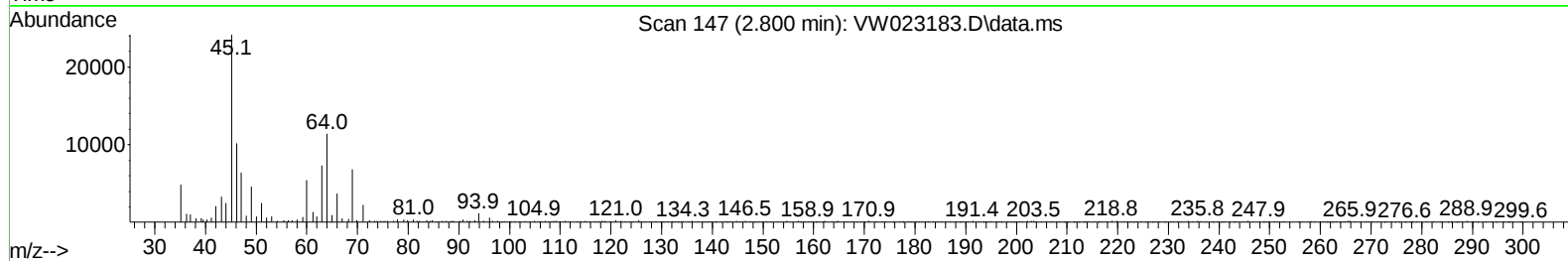
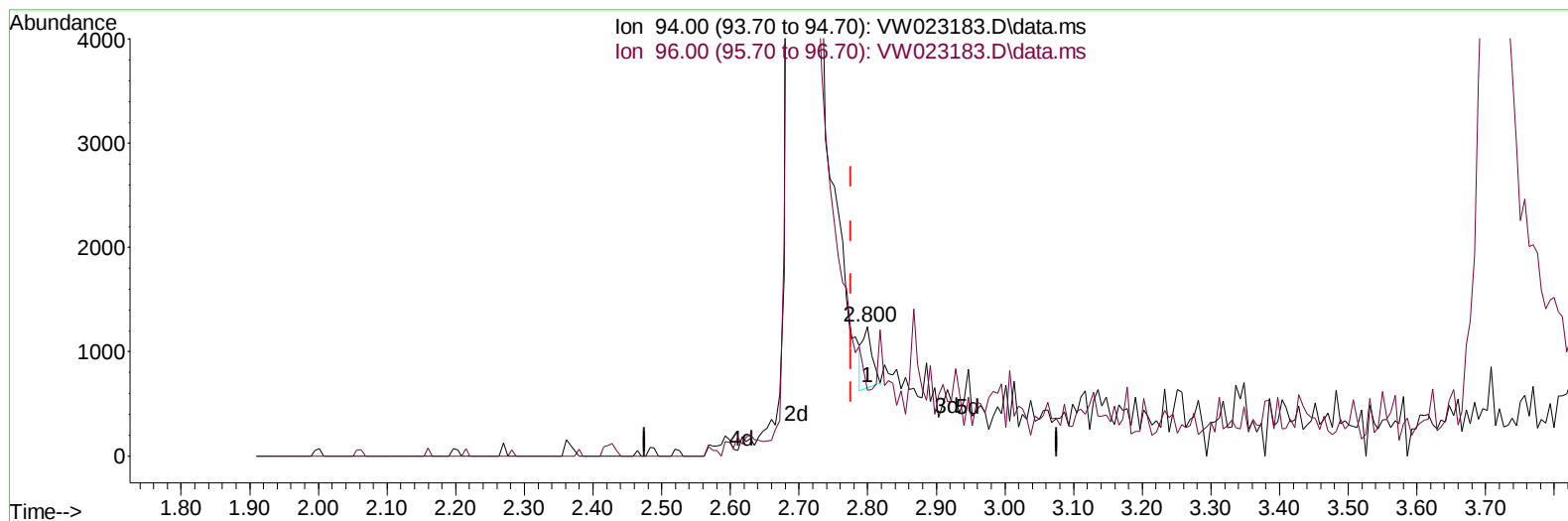
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 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(6) Bromomethane (T)

2.800min (+ 0.024) 0.10 ug/L

response 557

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	88.10	69.75
0.00	0.00	0.00
0.00	0.00	0.00

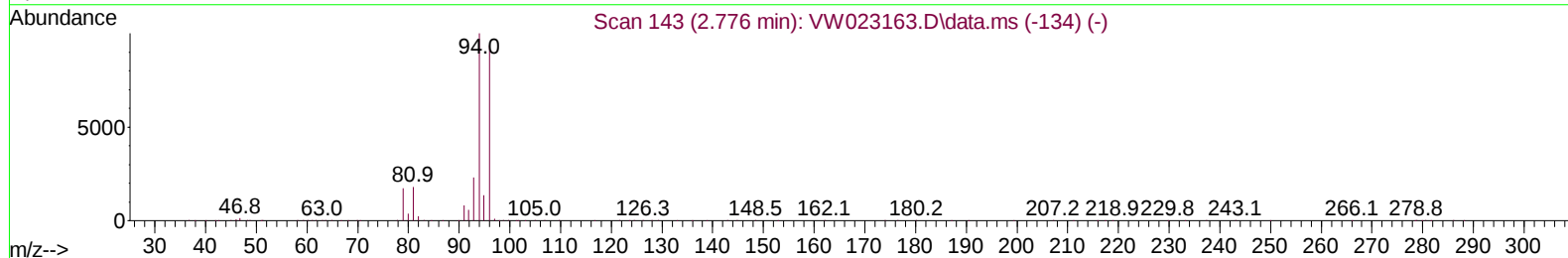
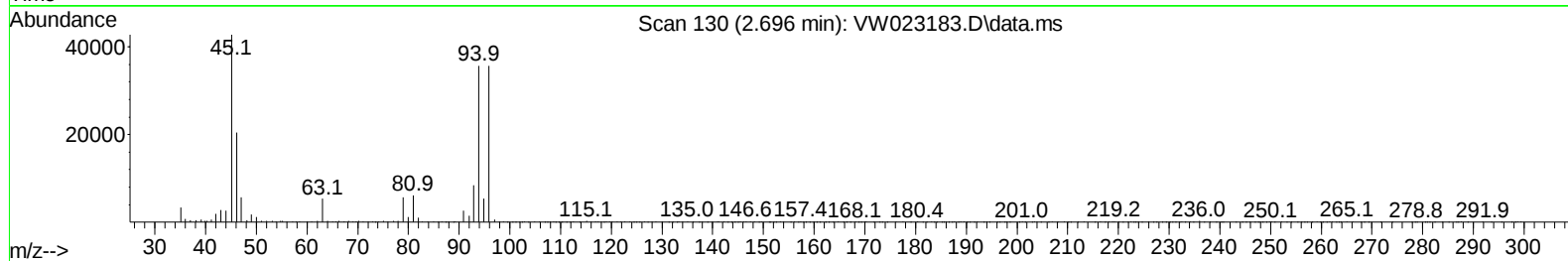
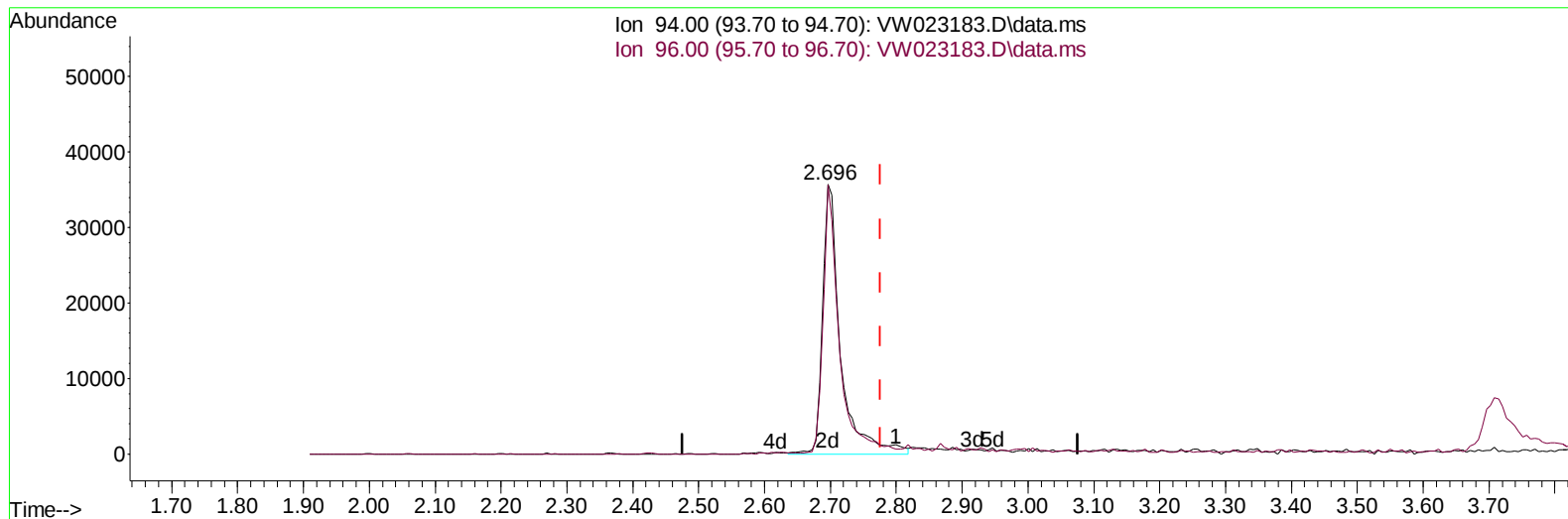
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration



TIC: VW023183.D\data.ms

(6) Bromomethane (T)

2.696min (-0.079) 11.95 ug/L m

response 67460

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	88.10	99.80
0.00	0.00	0.00
0.00	0.00	0.00

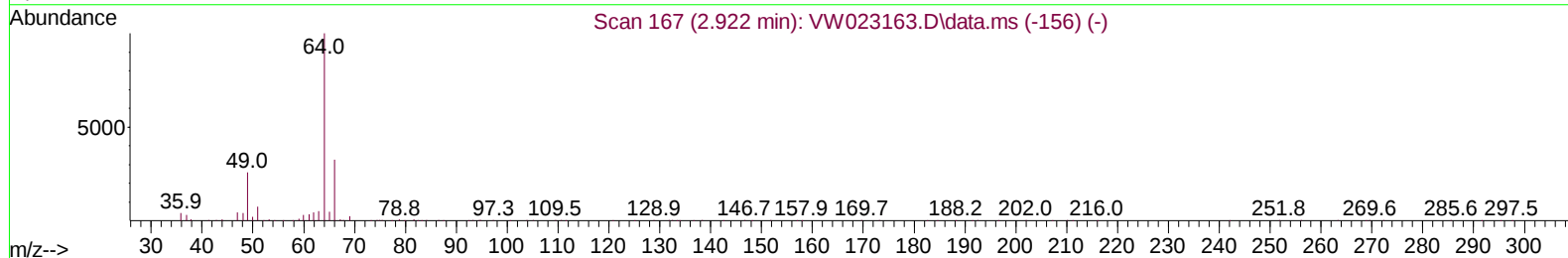
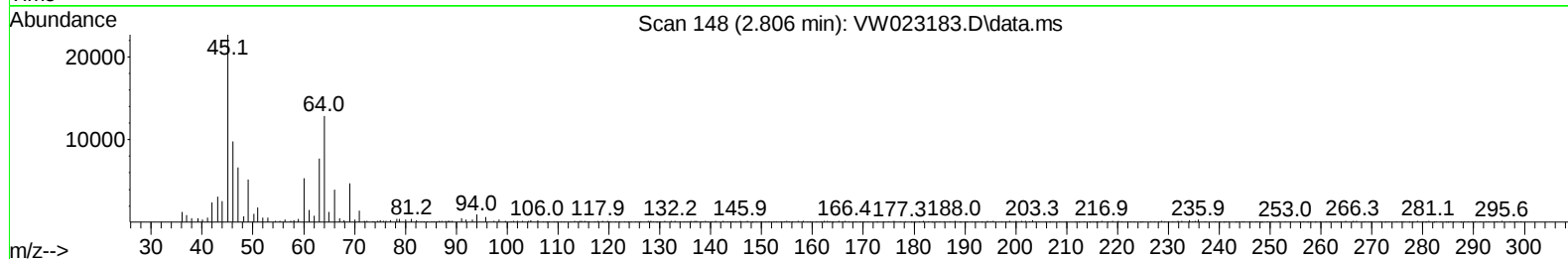
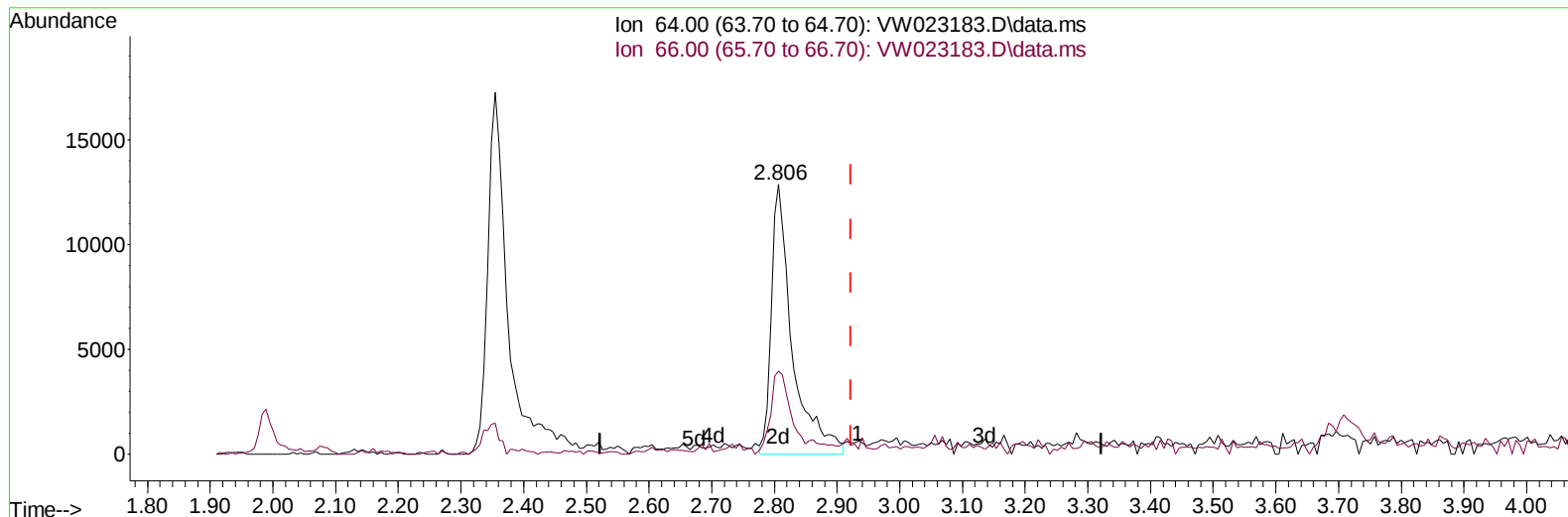
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration



TIC: VW023183.D\data.ms

(8) Chloroethane (T)

2.806min (-0.116) 7.05 ug/L m

response 29903

Ion	Exp%	Act%
64.00	100.00	100.00
66.00	33.50	30.78
0.00	0.00	0.00
0.00	0.00	0.00

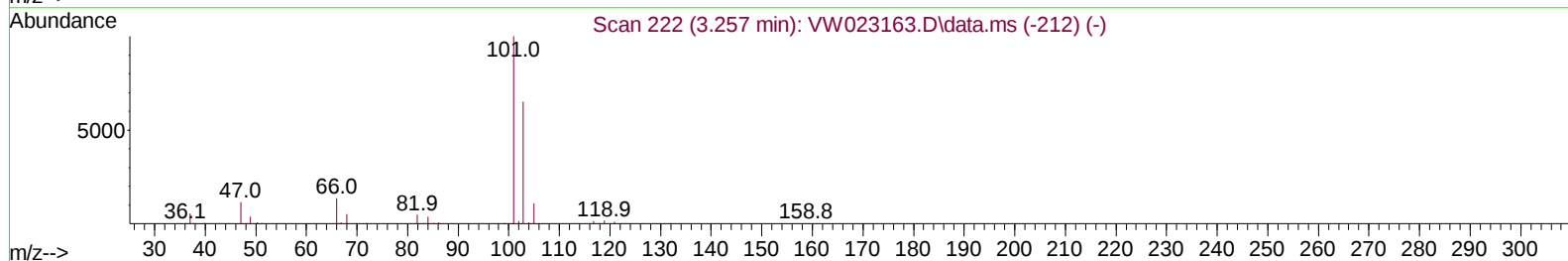
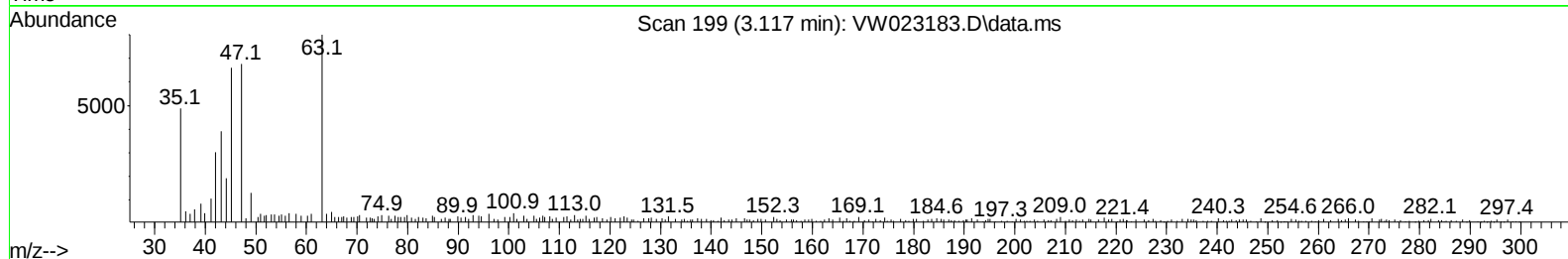
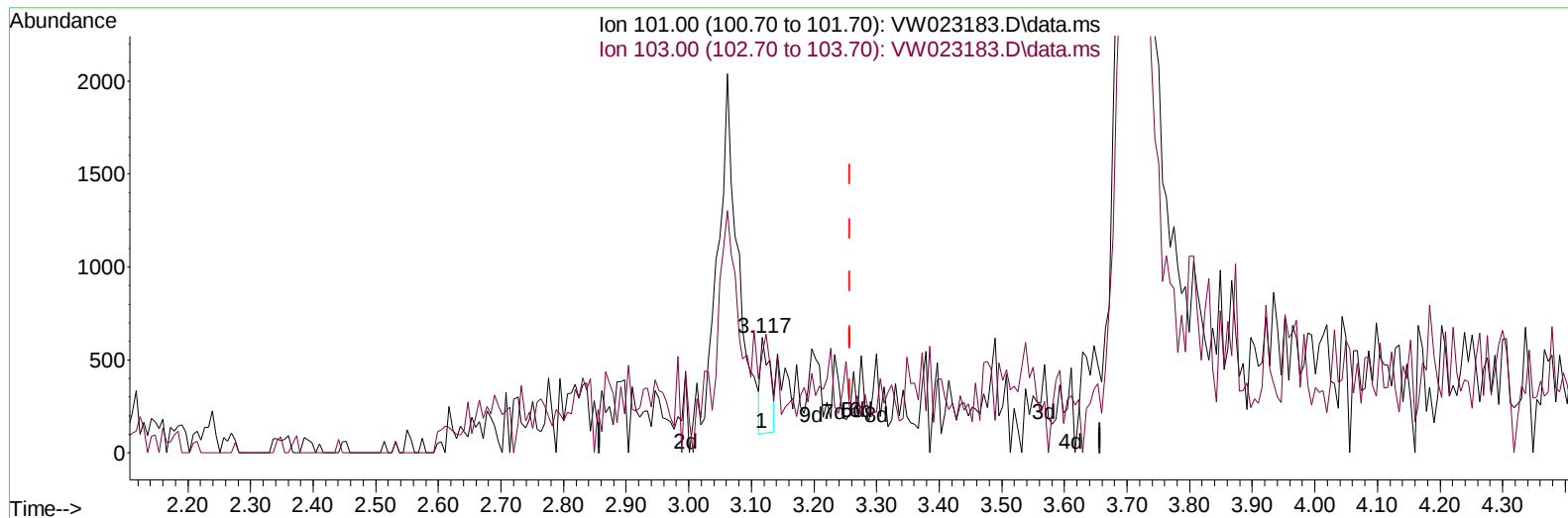
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 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(9) Trichlorofluoromethane (T)

3.117min (-0.140) 0.13 ug/L

response 538

Ion	Exp%	Act%
101.00	100.00	100.00
103.00	67.40	78.81
0.00	0.00	0.00
0.00	0.00	0.00

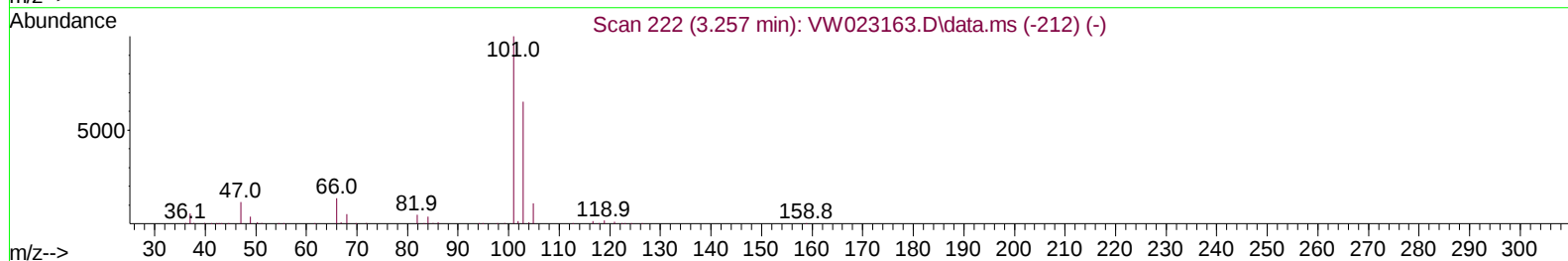
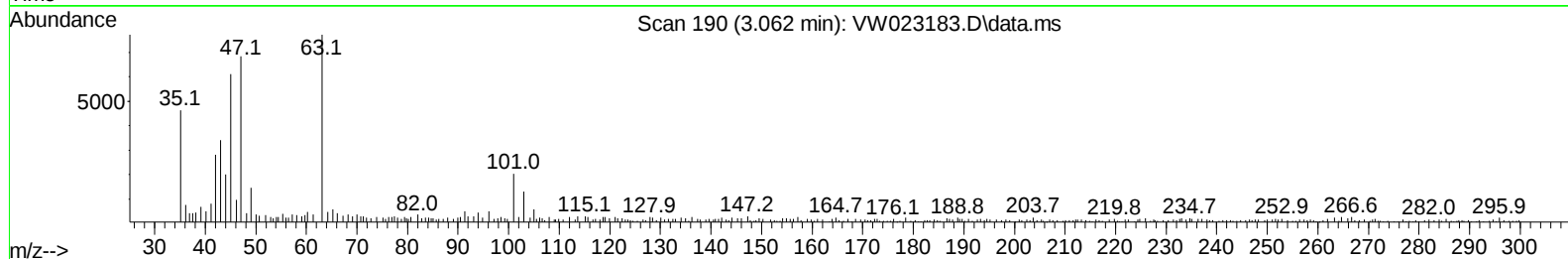
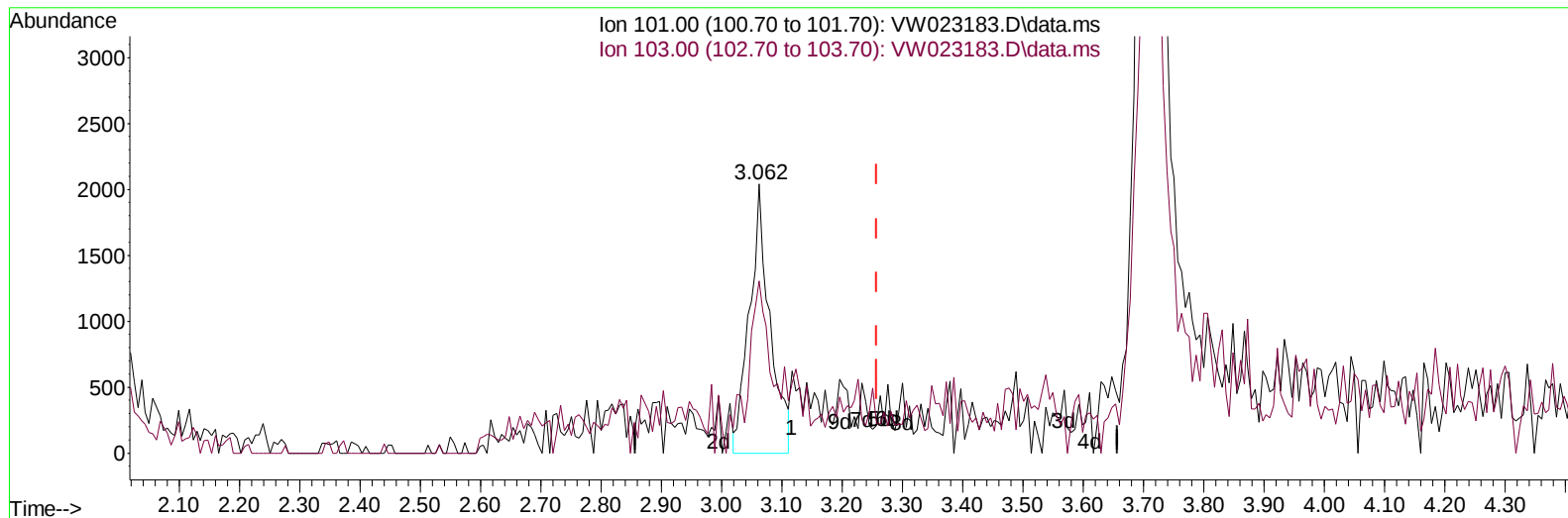
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/07/2022
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Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
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TIC: VW023183.D\data.ms

(9) Trichlorofluoromethane (T)

3.062min (-0.195) 1.19 ug/L m

response 4774

Ion	Exp%	Act%
101.00	100.00	100.00
103.00	67.40	8.88#
0.00	0.00	0.00
0.00	0.00	0.00

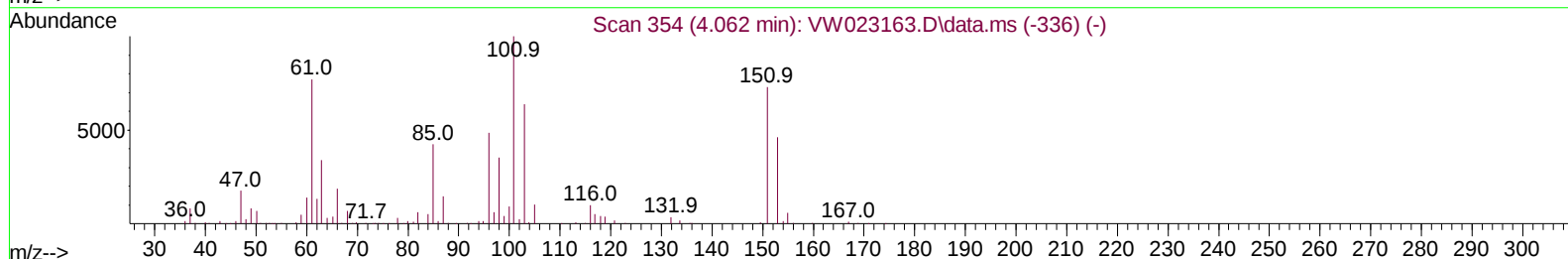
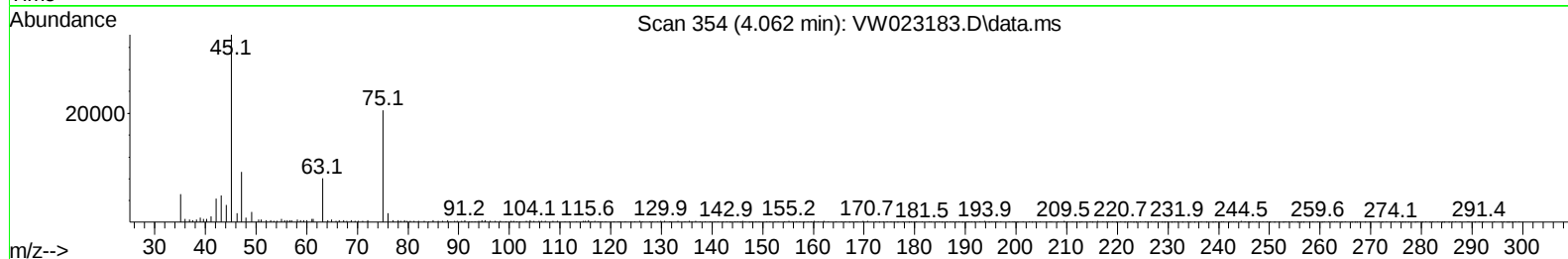
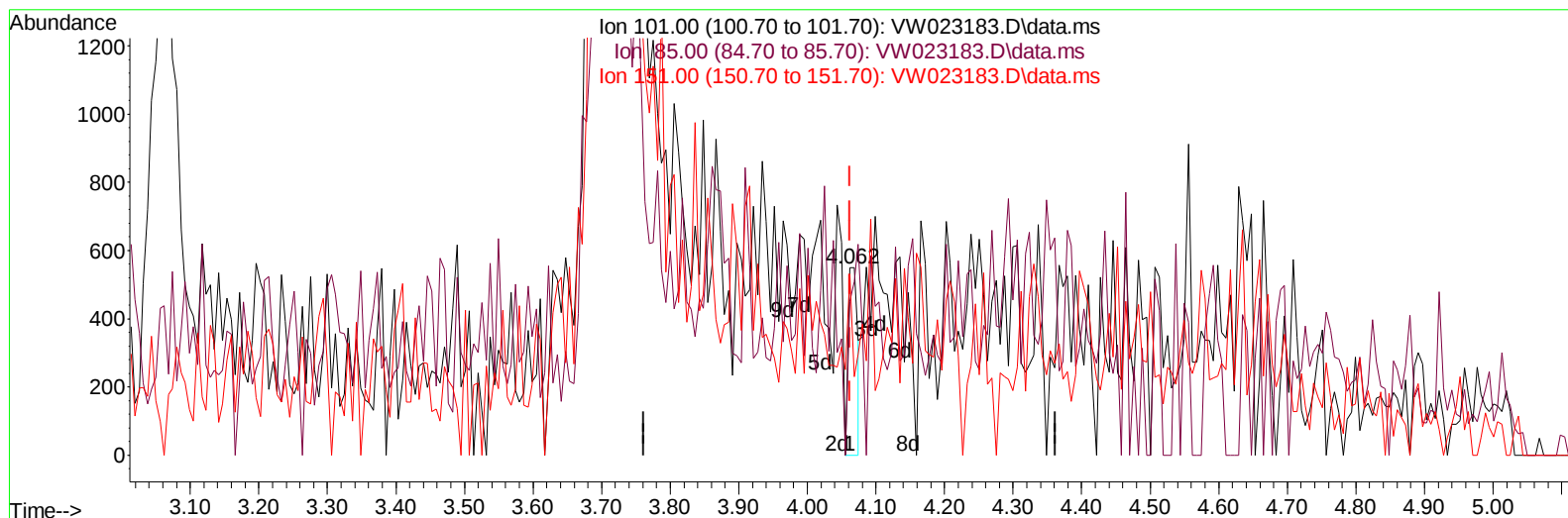
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Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration



TIC: VW023183.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.062min (0.000) 0.09 ug/L

response 524

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	42.90	0.00#
151.00	67.70	20.99#
0.00	0.00	0.00

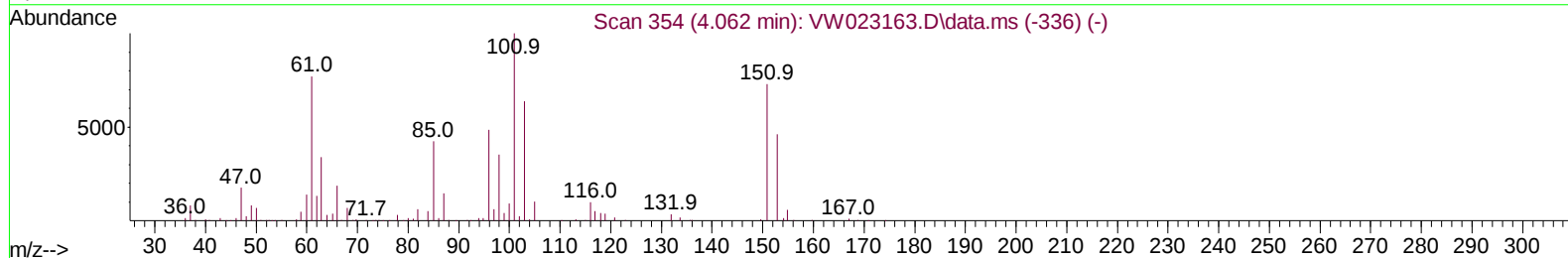
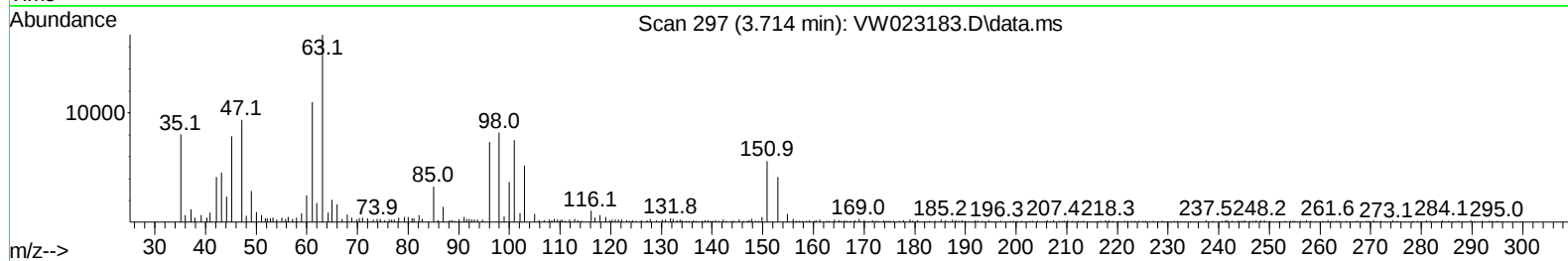
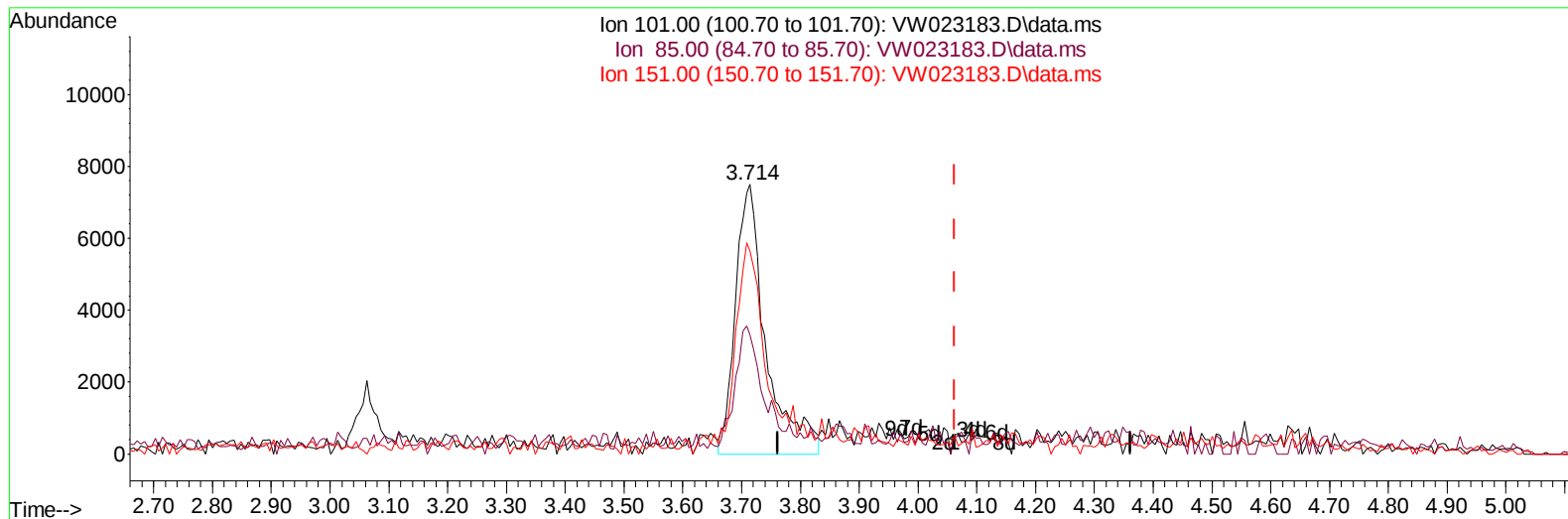
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration

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TIC: VW023183.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

3.714min (-0.347) 4.47 ug/L m

response 26853

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	42.90	0.00#
151.00	67.70	0.41#
0.00	0.00	0.00

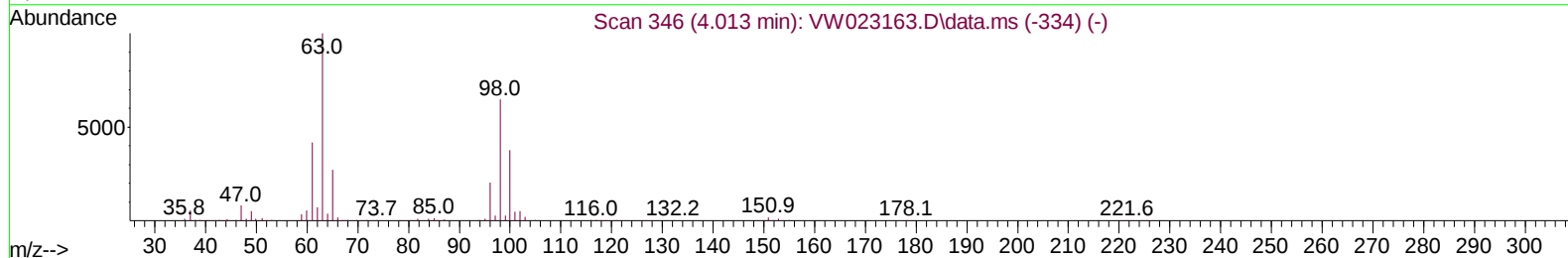
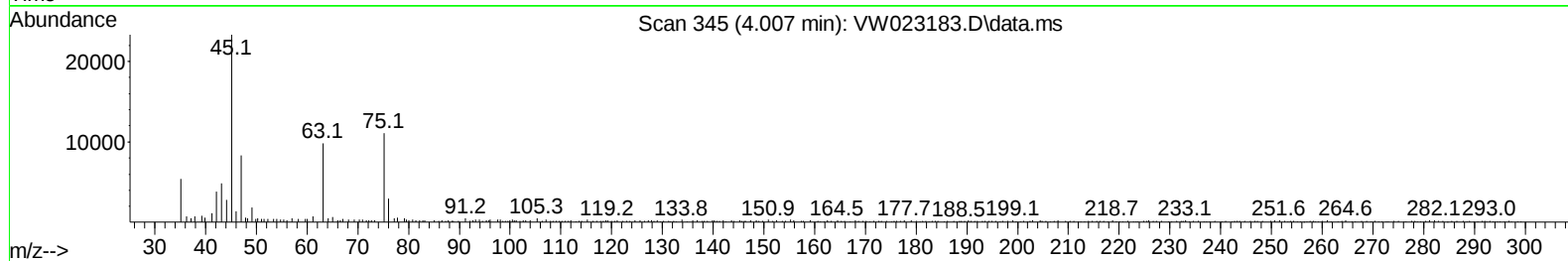
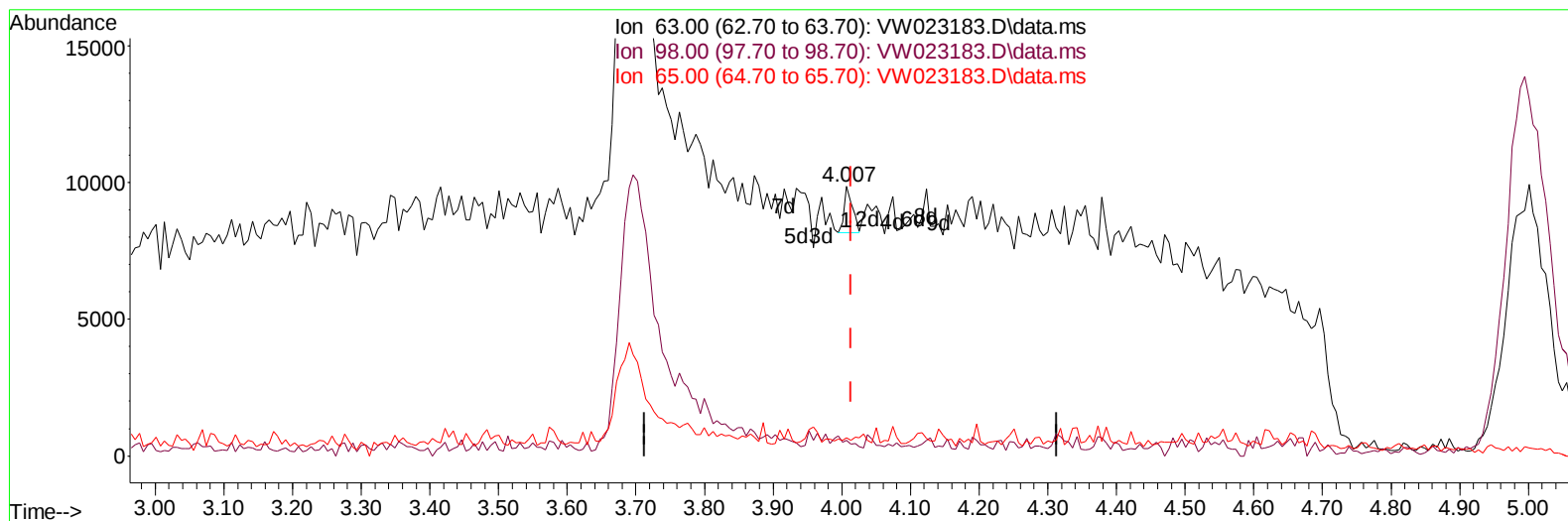
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

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

4.007min (-0.006) 0.13 ug/L

response 1383

Ion	Exp%	Act%
63.00	100.00	100.00
98.00	72.80	44.90#
65.00	23.30	8.82#
0.00	0.00	0.00

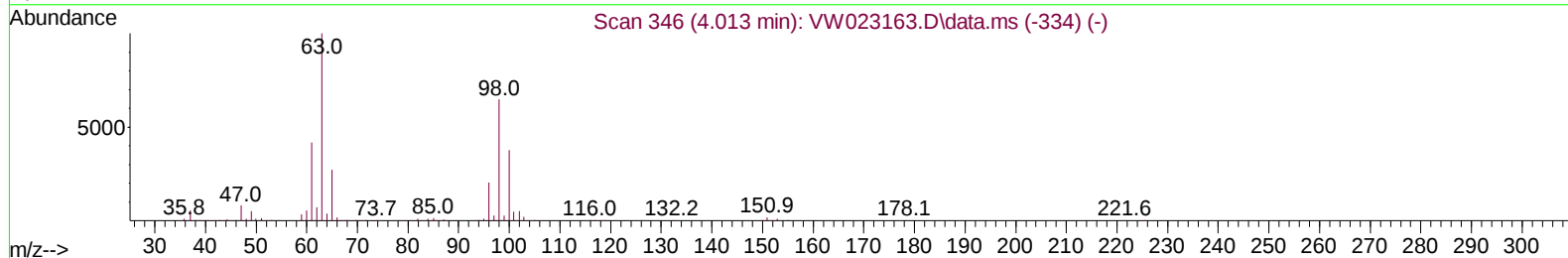
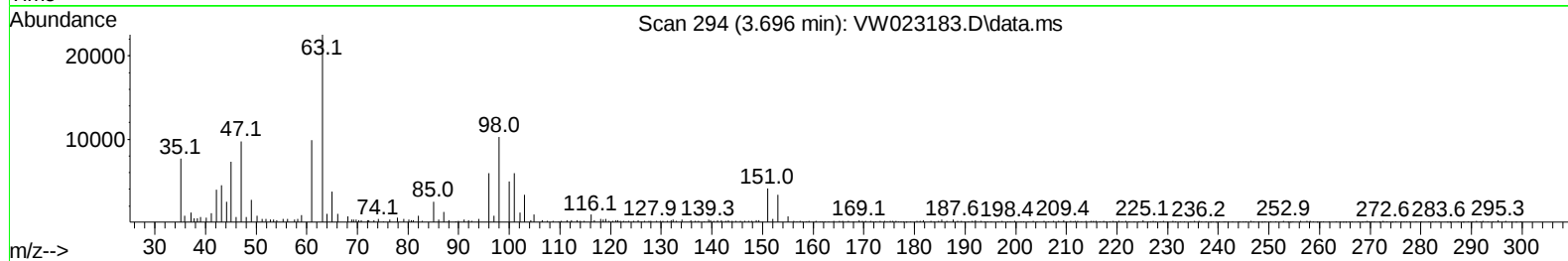
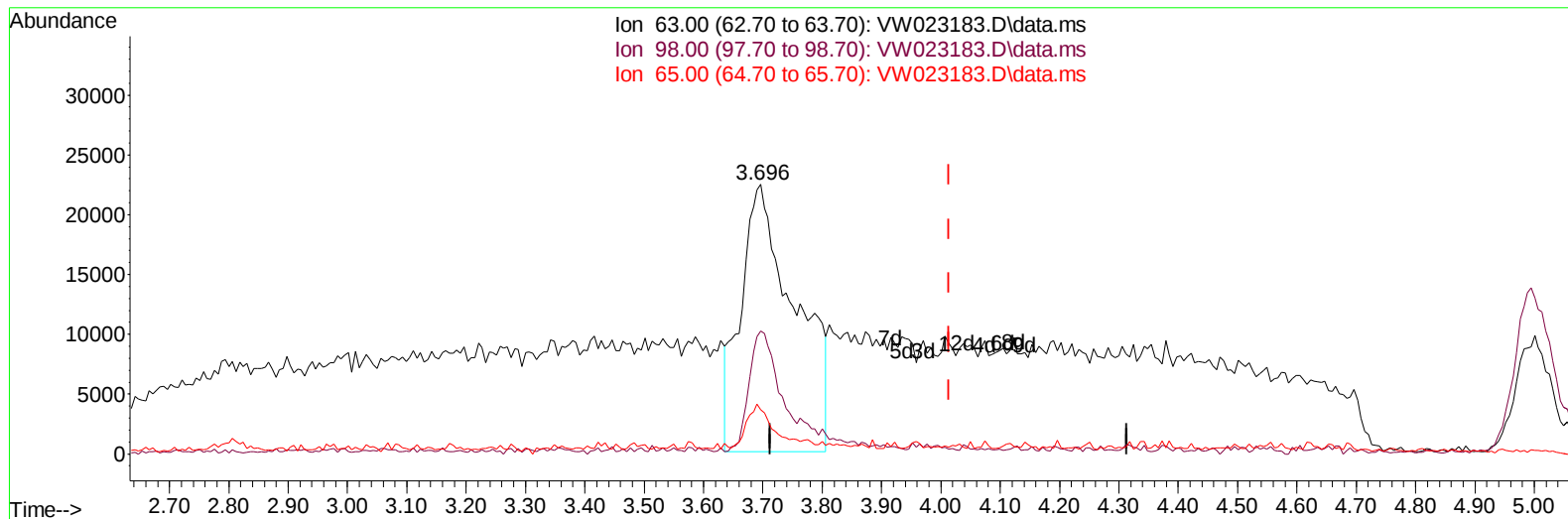
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

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Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration



TIC: VW023183.D\data.ms

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

3.696min (-0.317) 12.96 ug/L m

response 142869

Ion	Exp%	Act%
63.00	100.00	100.00
98.00	72.80	0.43#
65.00	23.30	0.09#
0.00	0.00	0.00

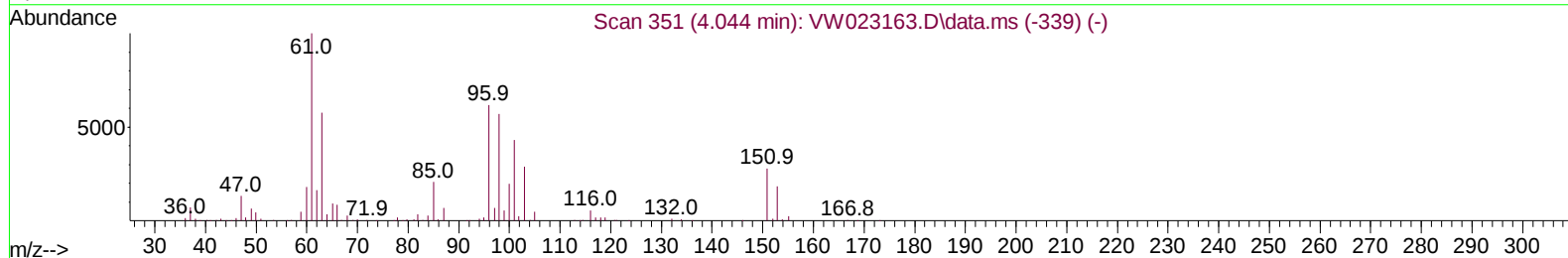
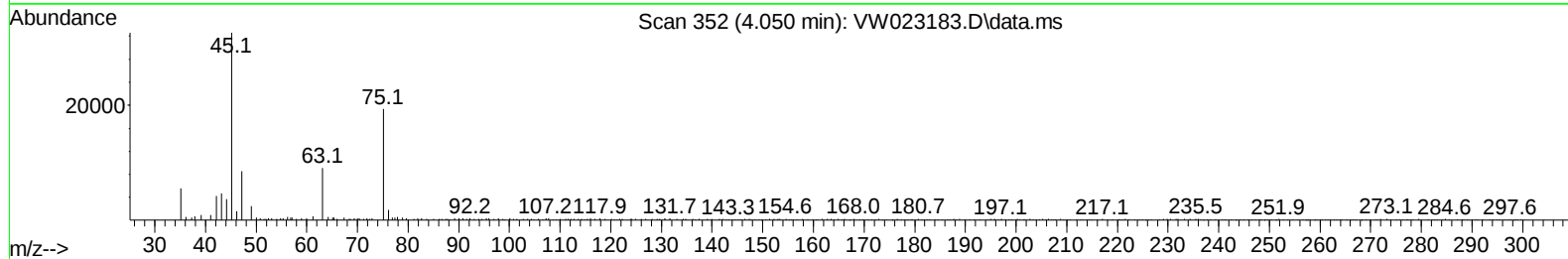
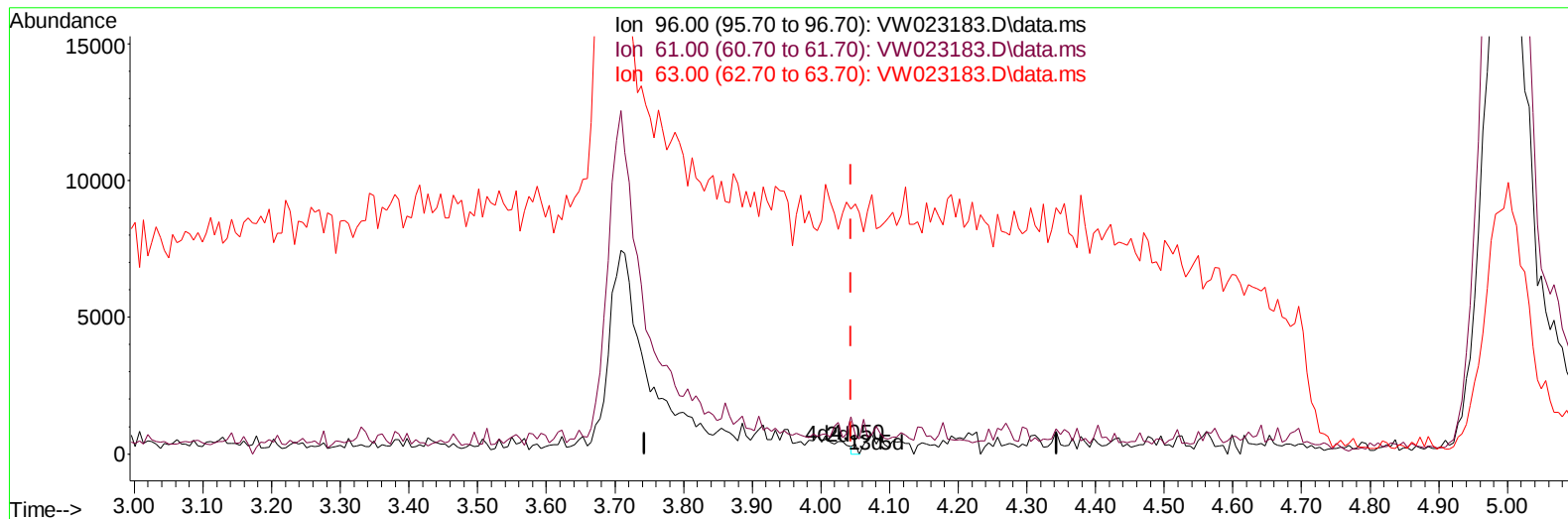
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
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TIC: VW023183.D\data.ms

(12) 1,1-Dichloroethene (T)

4.050min (+ 0.006) 0.02 ug/L

response 132

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	179.60	189.72
63.00	119.20	2537.50#
0.00	0.00	0.00

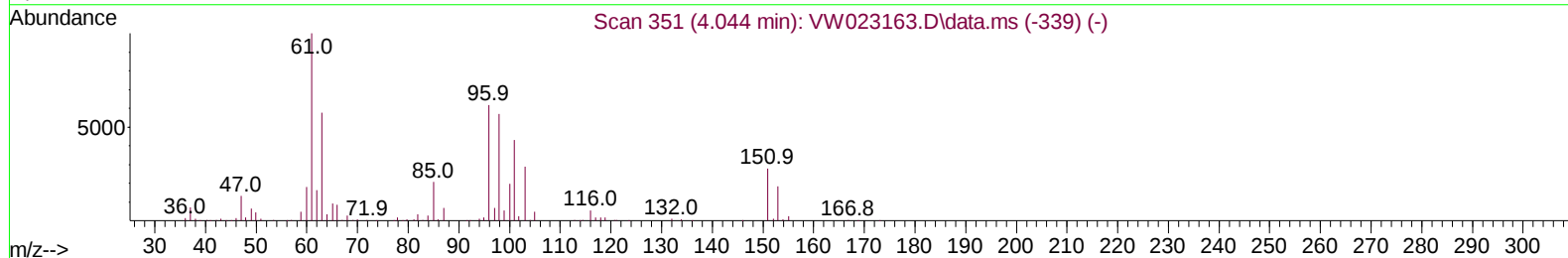
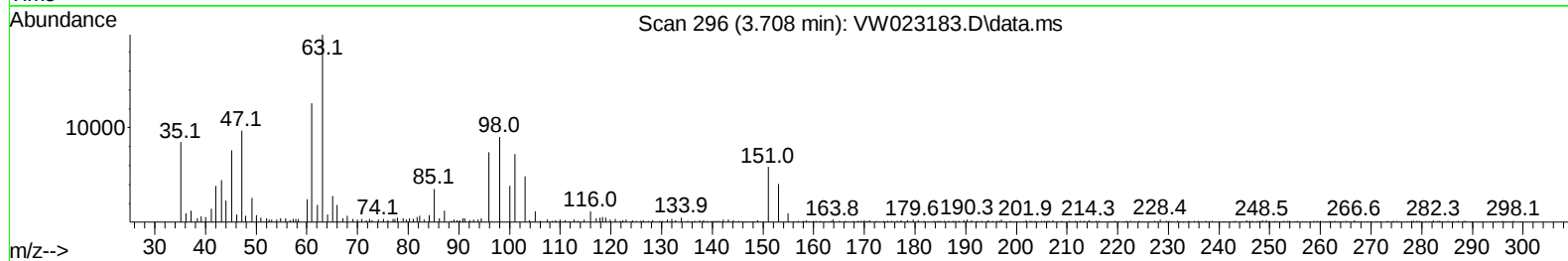
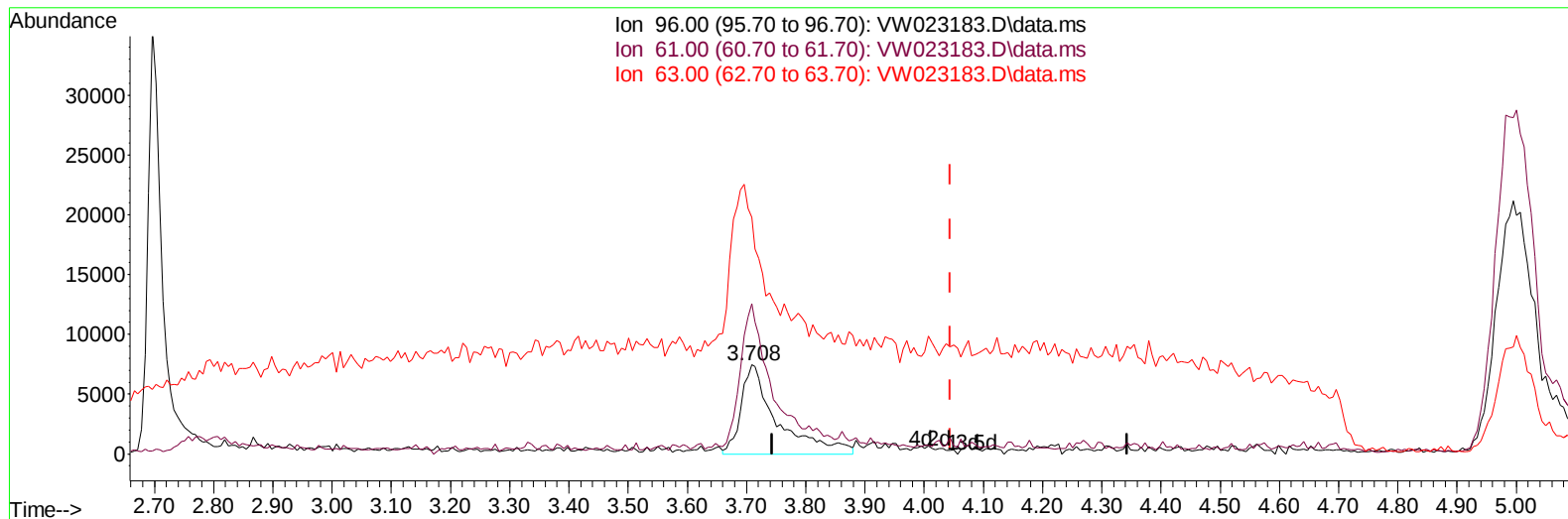
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Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
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TIC: VW023183.D\data.ms

(12) 1,1-Dichloroethene (T)

3.708min (-0.335) 5.90 ug/L m

response 31439

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	179.60	168.67
63.00	119.20	266.09#
0.00	0.00	0.00

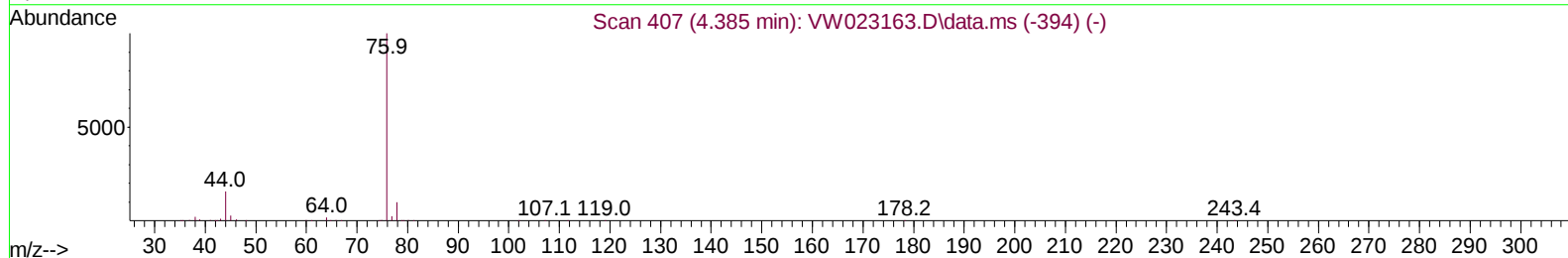
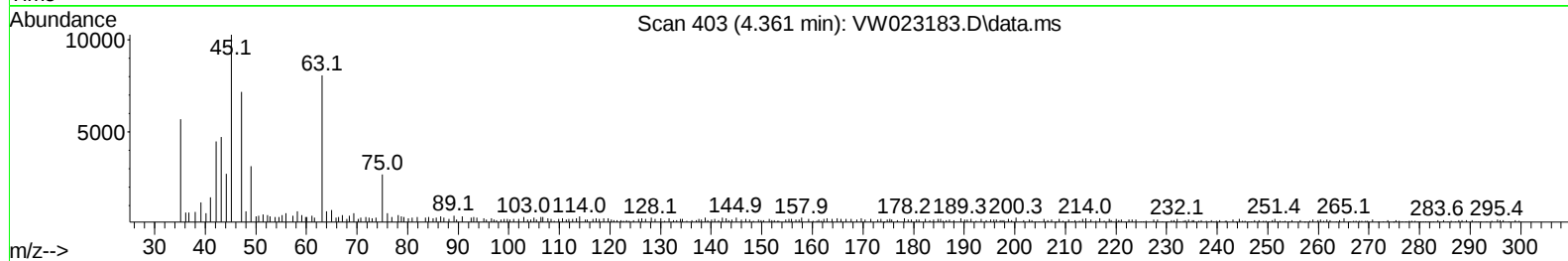
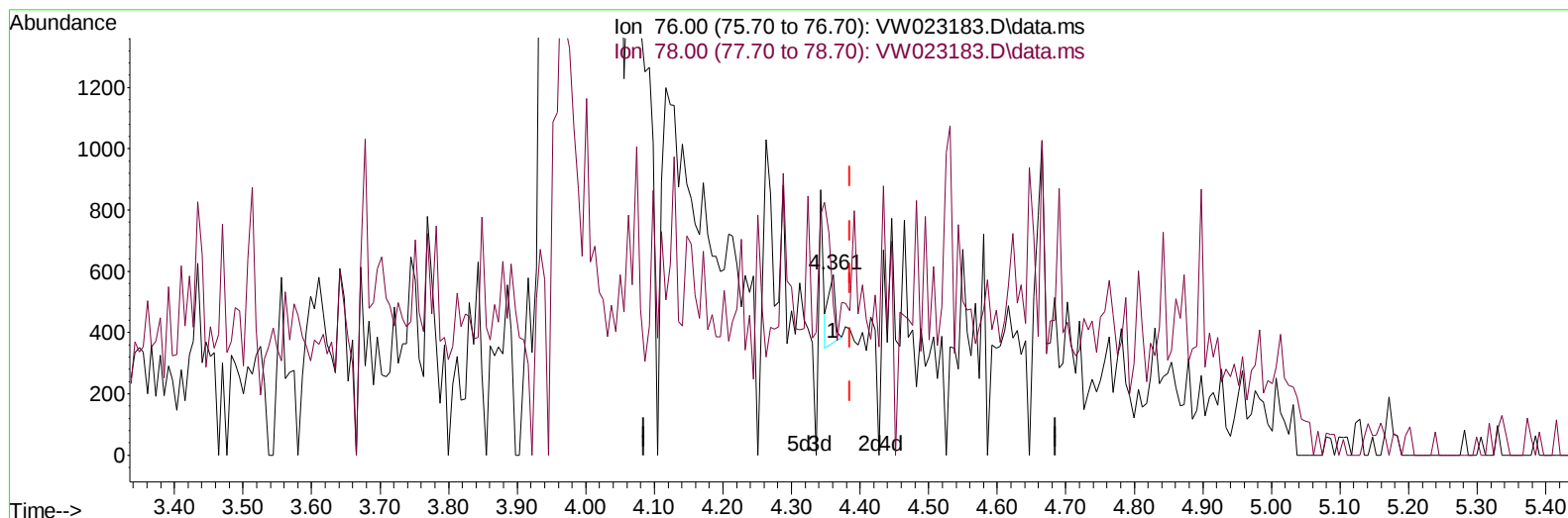
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
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TIC: VW023183.D\data.ms

(14) Carbon disulfide (T)

4.361min (-0.024) 0.01 ug/L

response 158

Ion	Exp%	Act%
76.00	100.00	100.00
78.00	9.60	83.19#
0.00	0.00	0.00
0.00	0.00	0.00

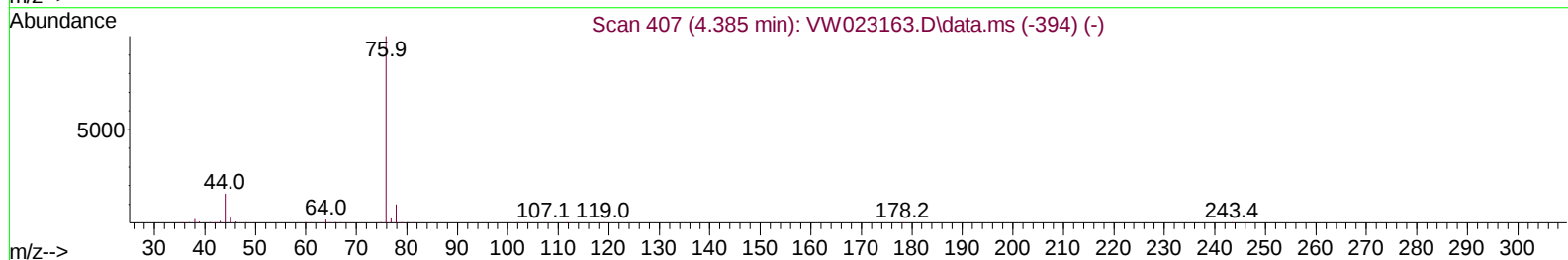
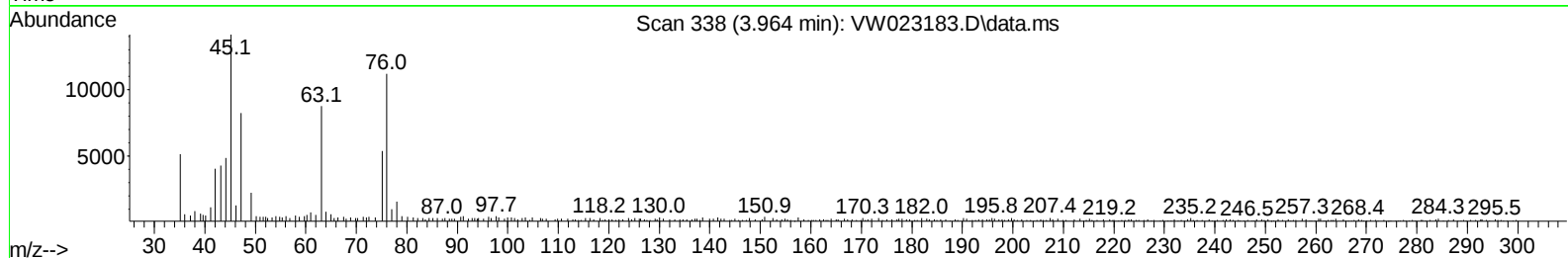
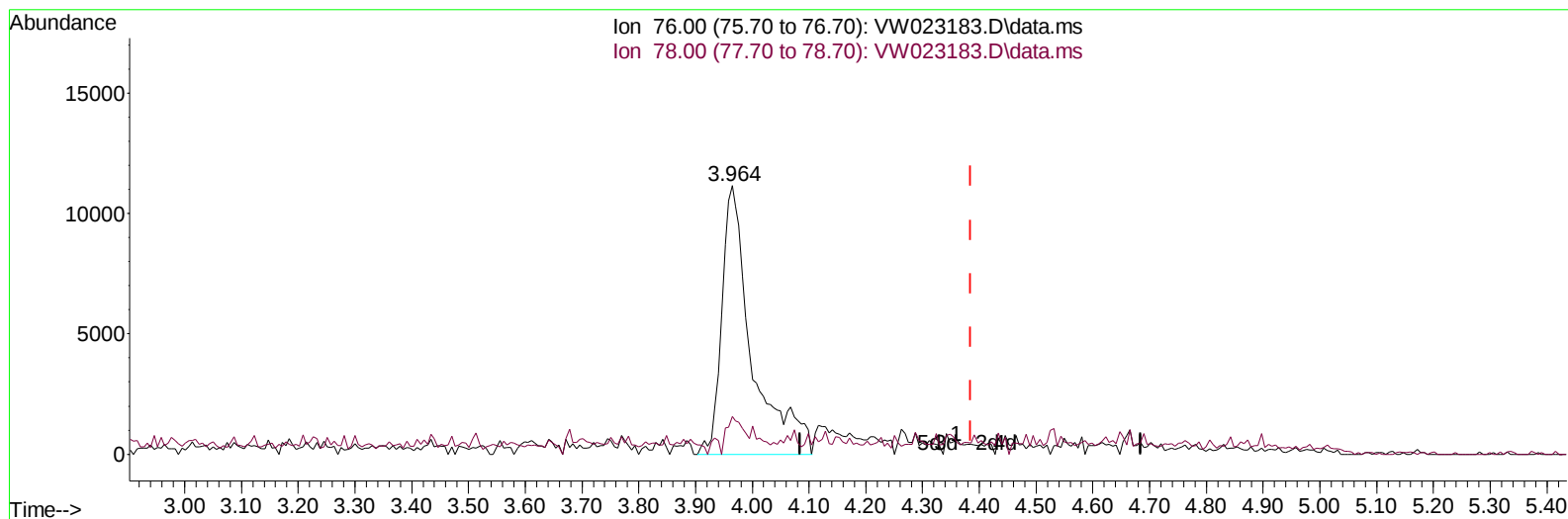
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
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TIC: VW023183.D\data.ms

(14) Carbon disulfide (T)

3.964min (-0.421) 2.82 ug/L m

response 41195

Ion	Exp%	Act%
76.00	100.00	100.00
78.00	9.60	13.96#
0.00	0.00	0.00
0.00	0.00	0.00

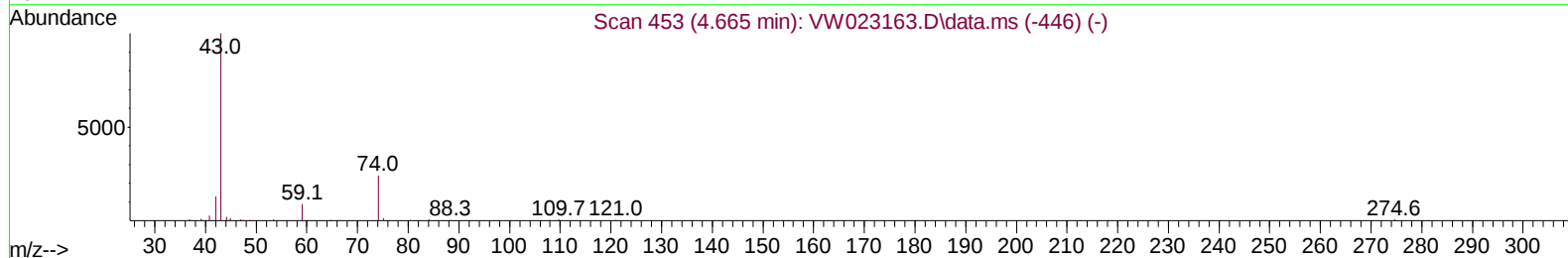
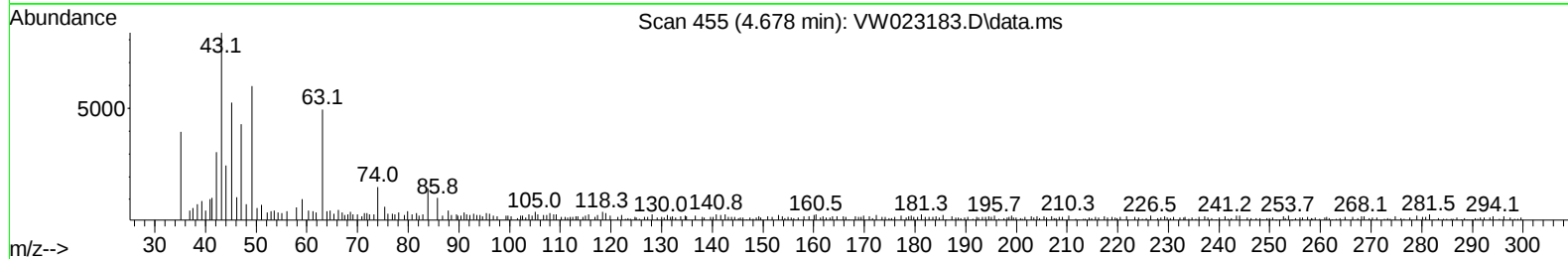
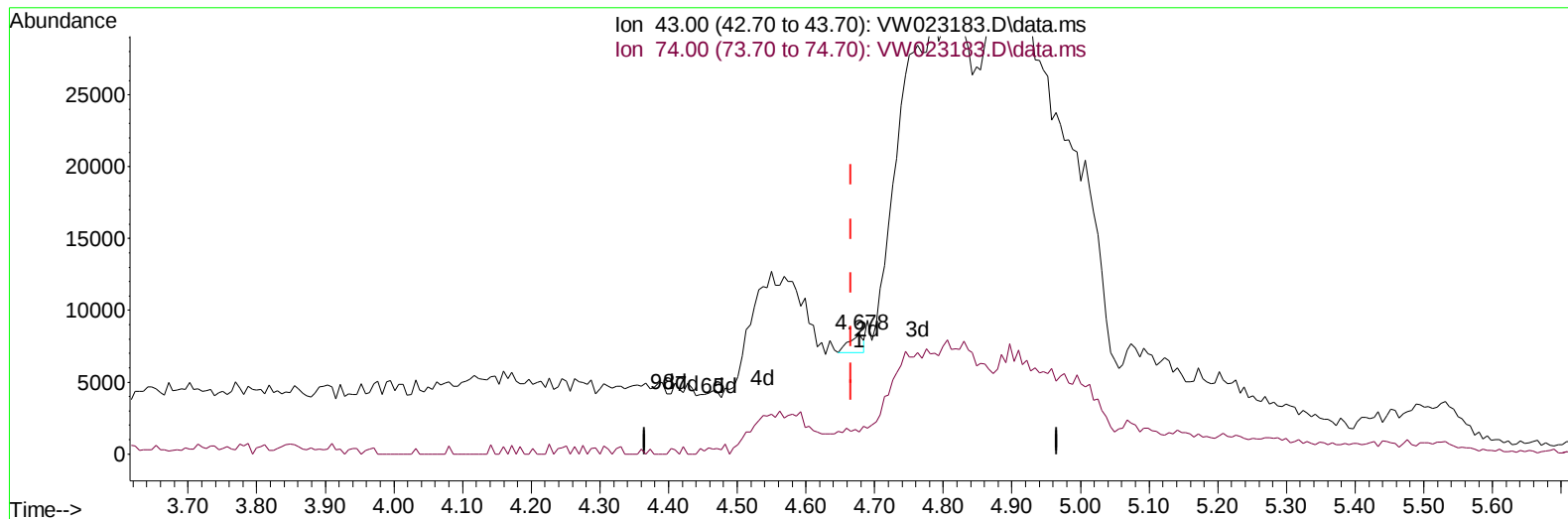
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(15) Methyl Acetate (T)

4.678min (+ 0.012) 0.74 ug/L

response 1806

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	27.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

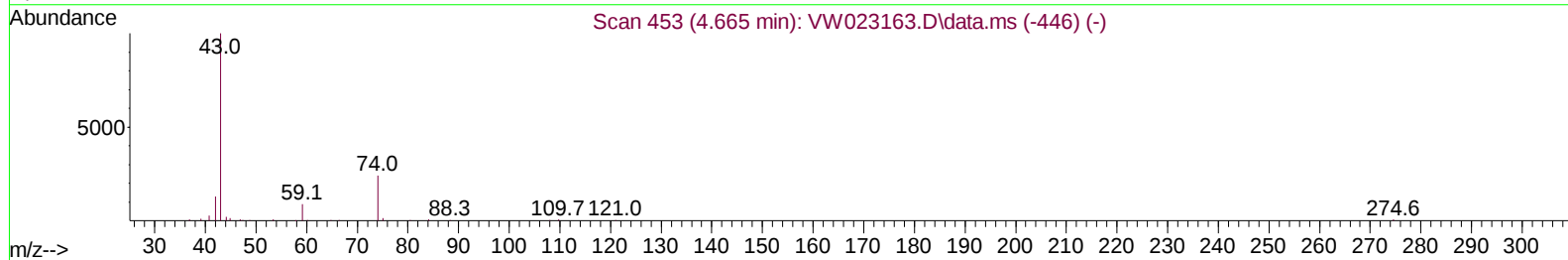
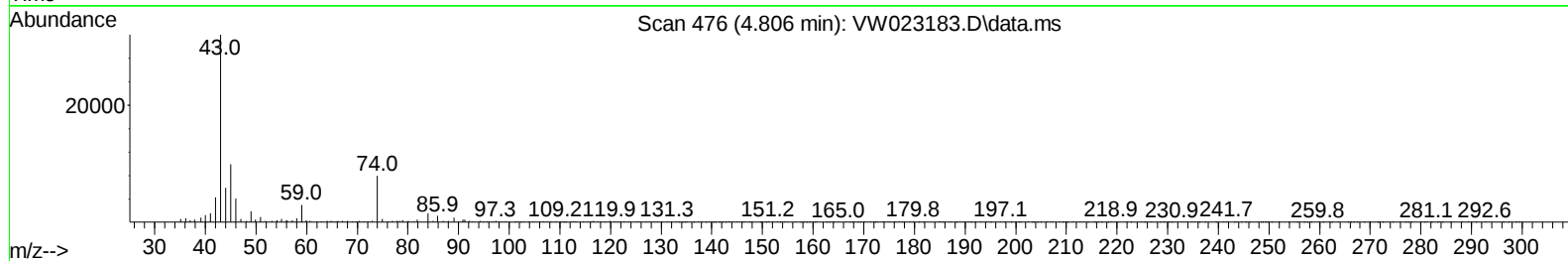
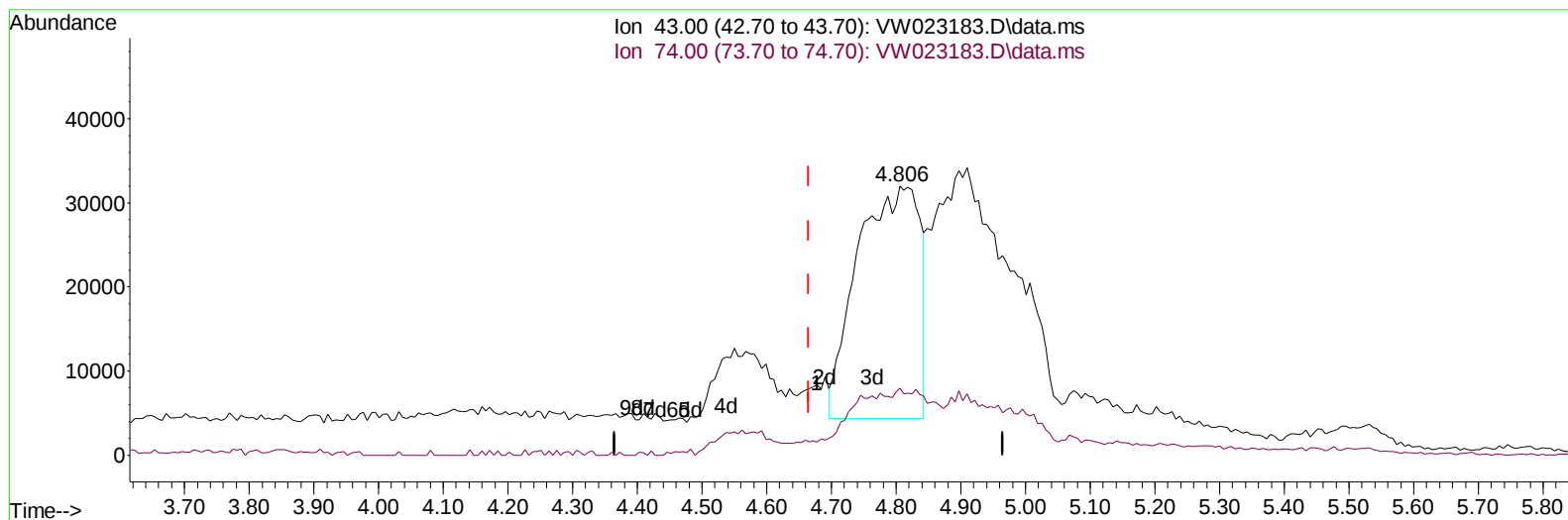
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(15) Methyl Acetate (T)

4.806min (+ 0.140) 75.76 ug/L m

response 184893

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	27.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

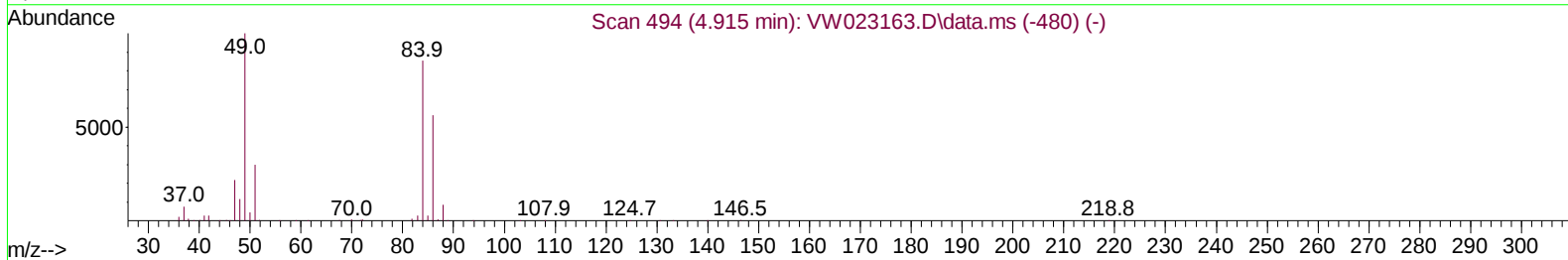
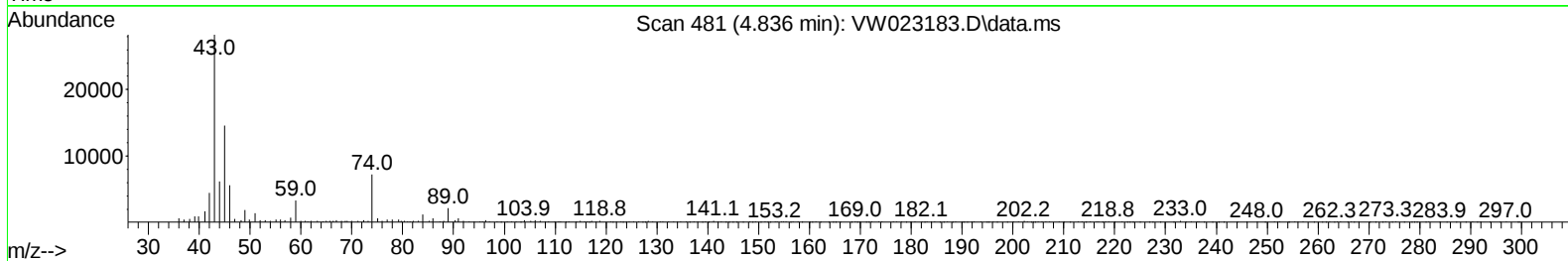
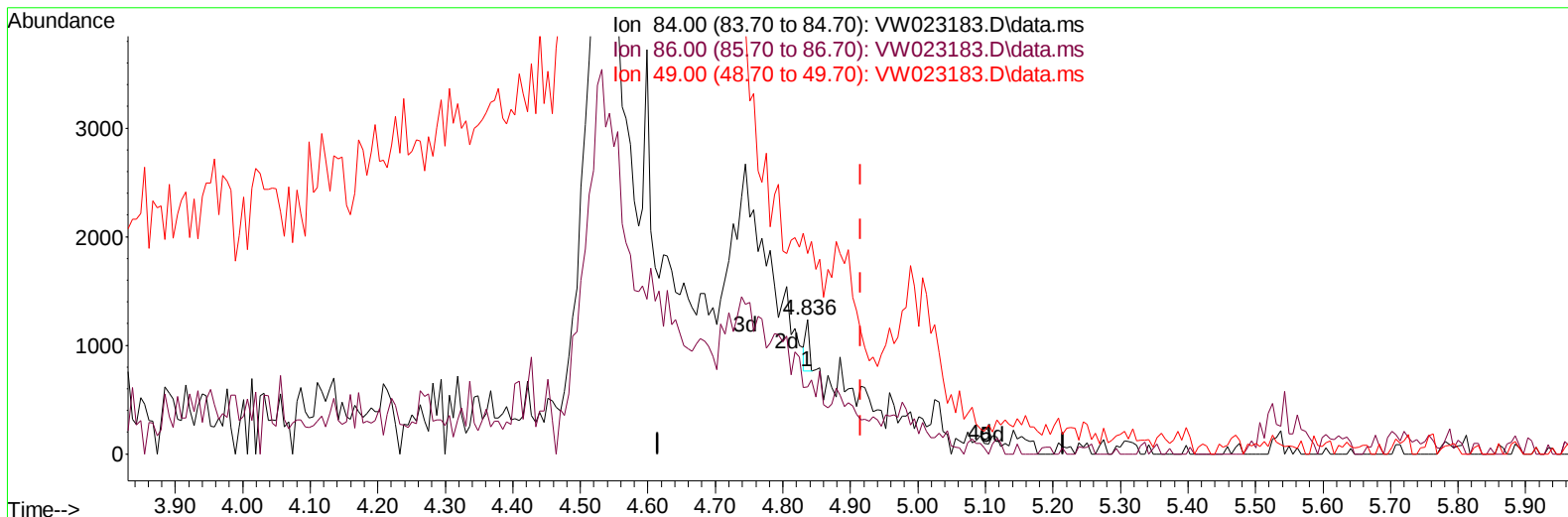
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(16) Methylene chloride (T)

4.836min (-0.079) 0.03 ug/L

response 174

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	64.90	49.64
49.00	117.80	148.83
0.00	0.00	0.00

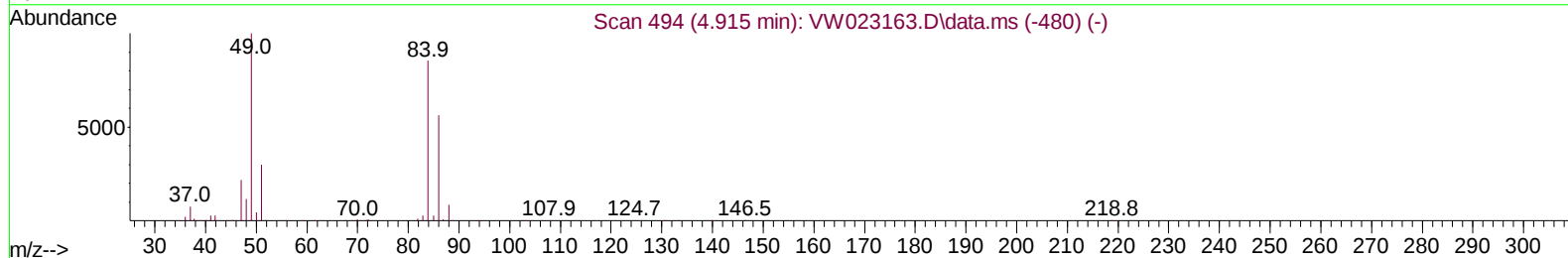
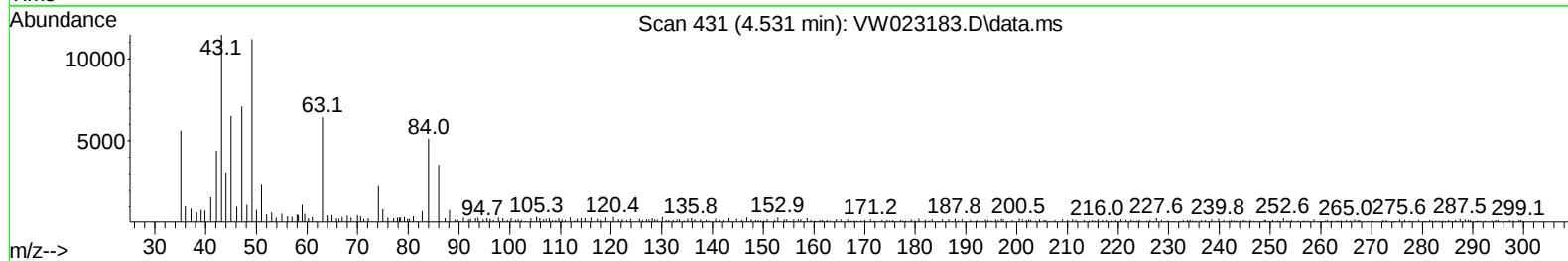
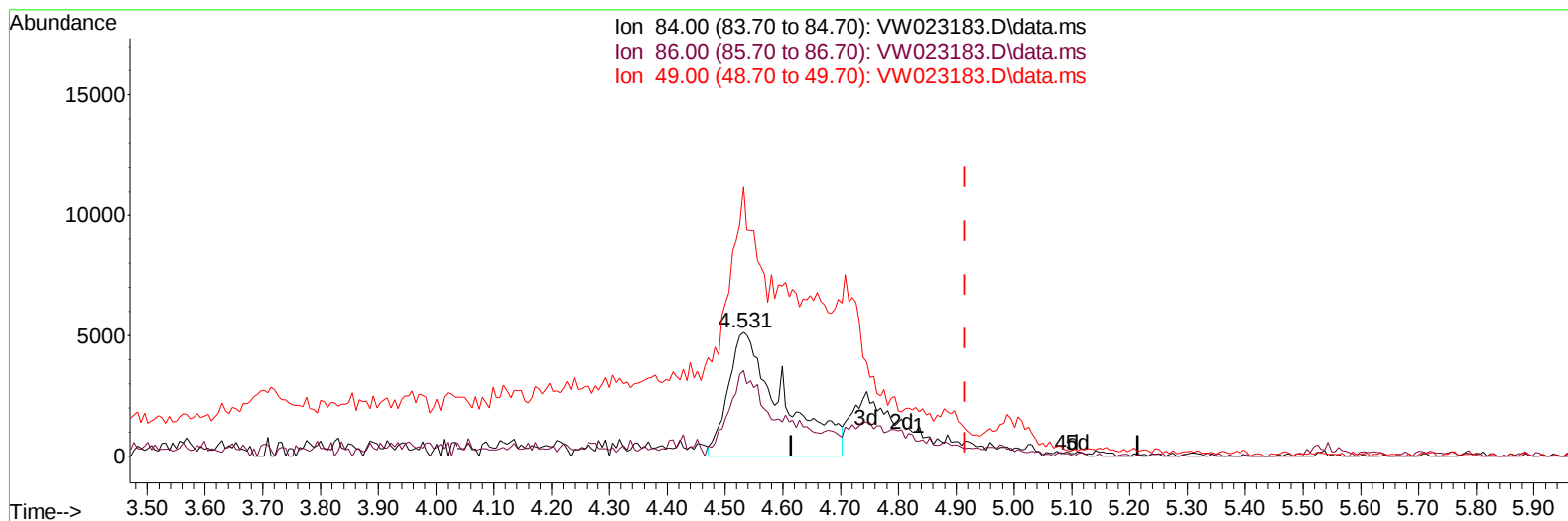
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SoIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(16) Methylene chloride (T)

4.531min (-0.384) 5.50 ug/L m

response 33494

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	64.90	68.98
49.00	117.80	217.89#
0.00	0.00	0.00

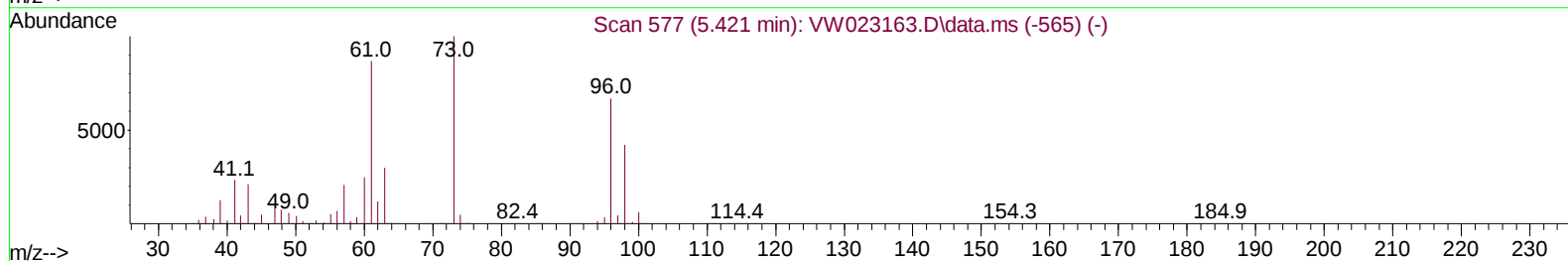
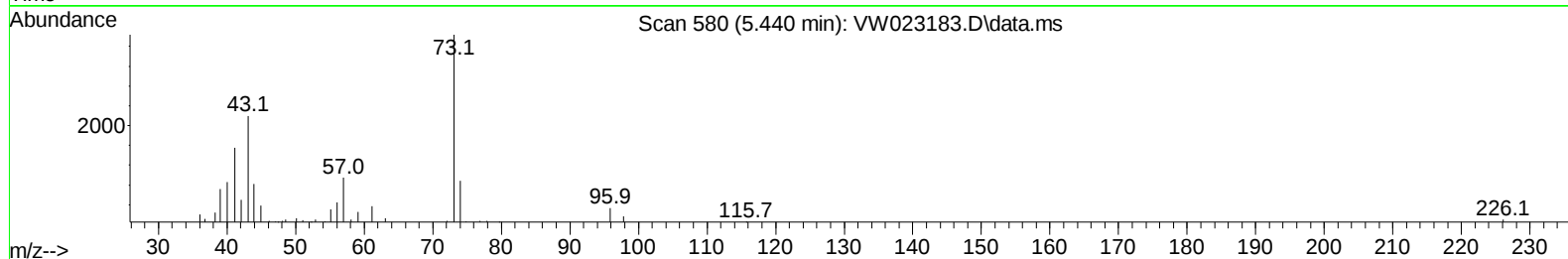
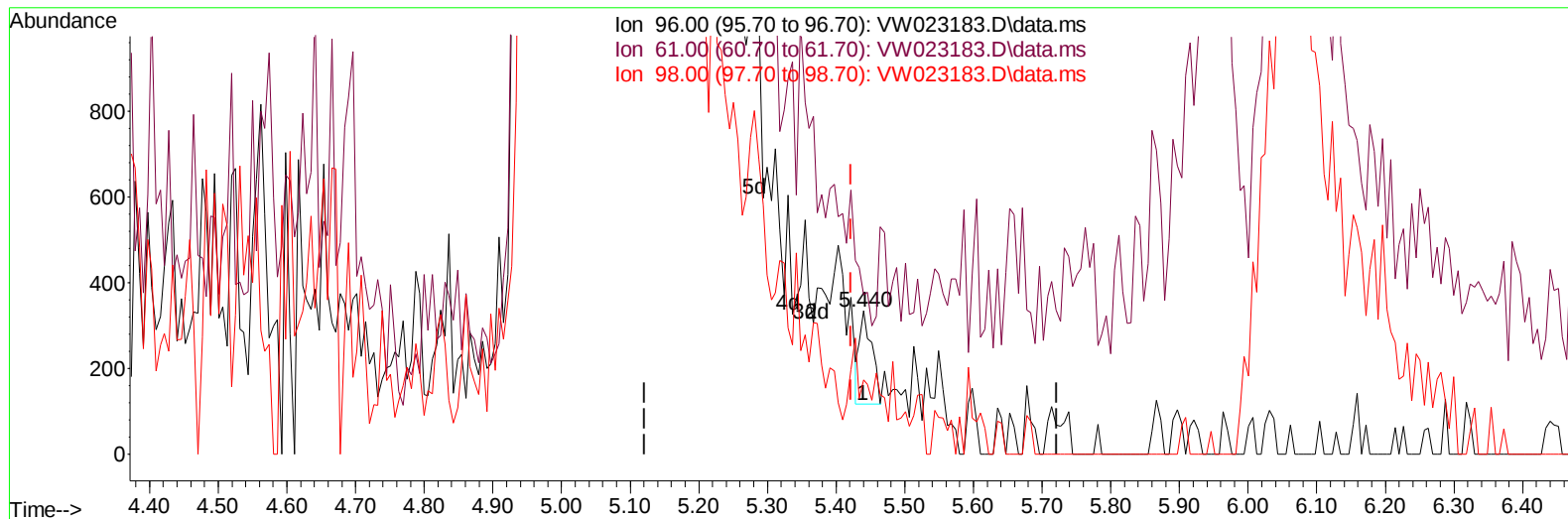
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

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

5.440min (+ 0.018) 0.05 ug/L

response 274

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	131.70	111.38
98.00	61.30	51.80
0.00	0.00	0.00

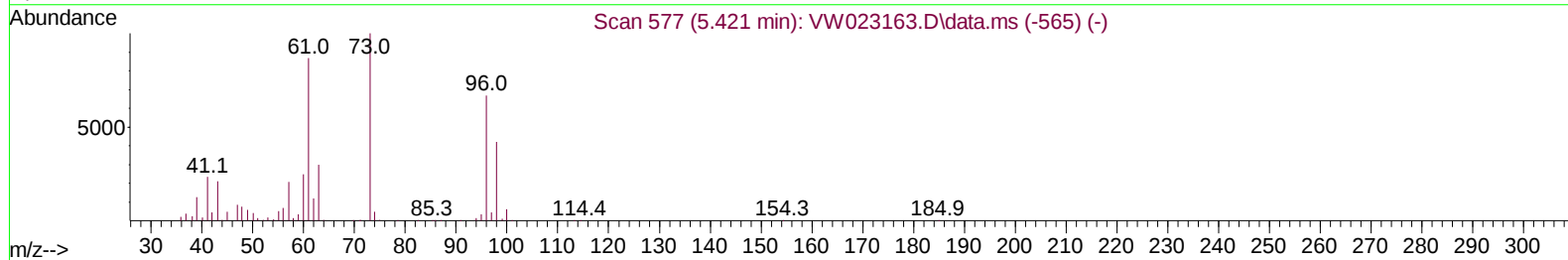
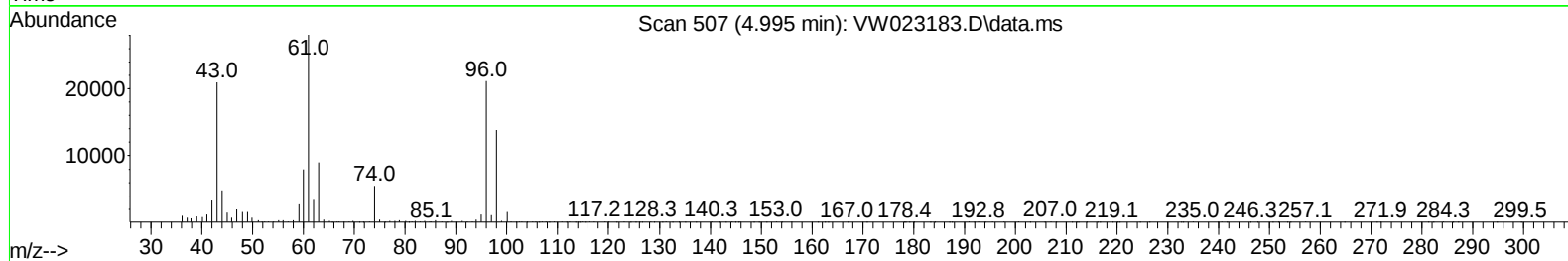
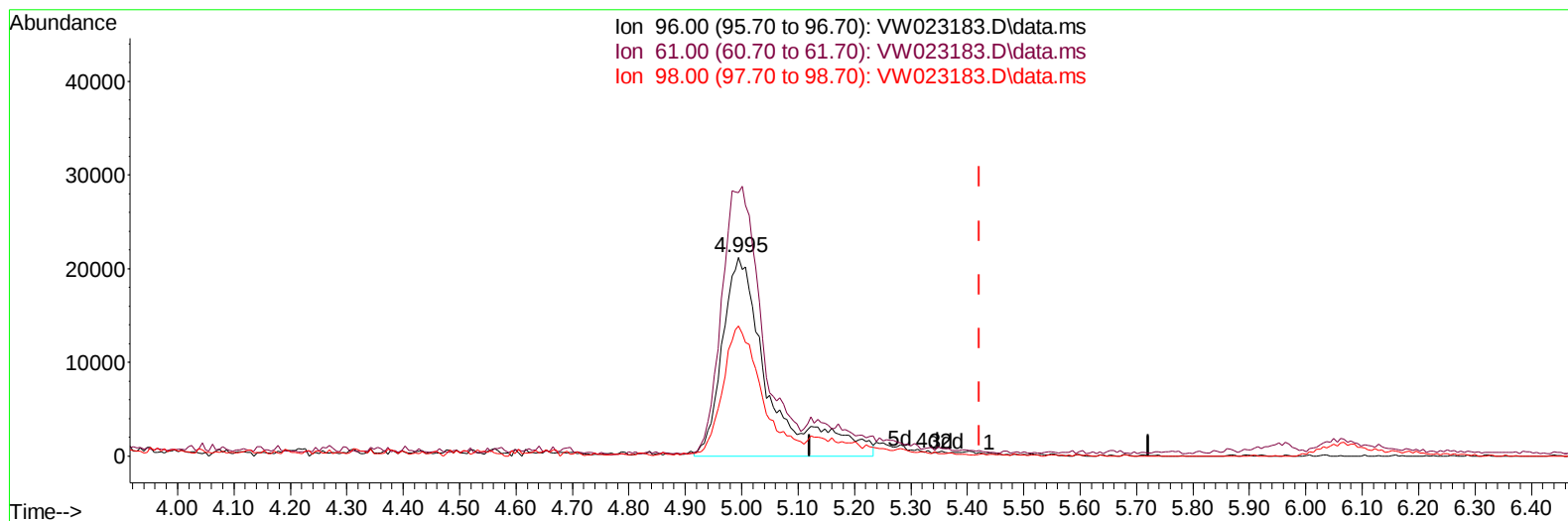
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

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

4.995min (-0.427) 20.05 ug/L m

response 120199

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	131.70	132.73
98.00	61.30	65.48
0.00	0.00	0.00

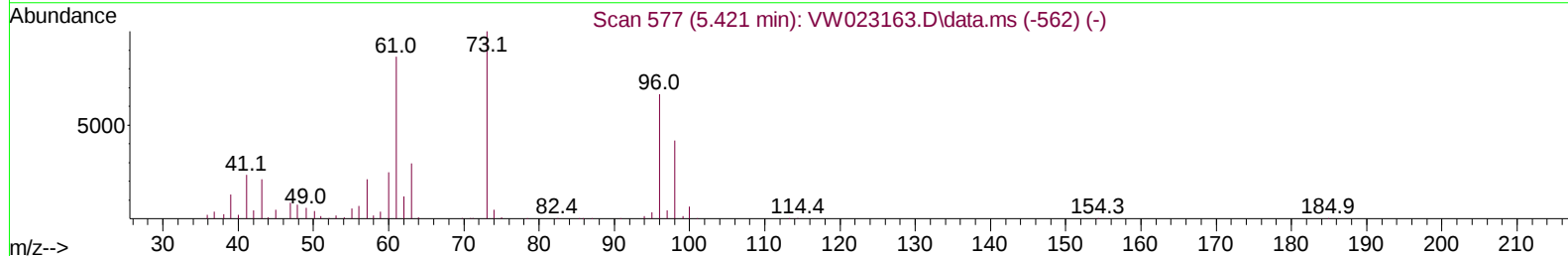
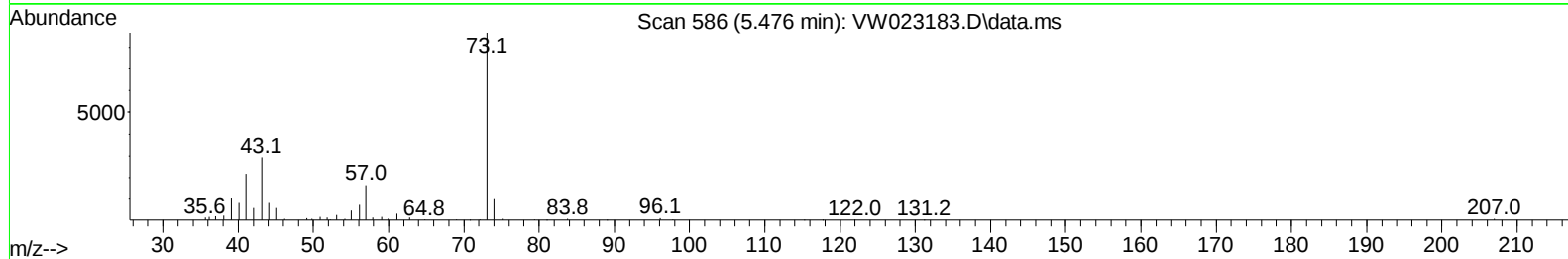
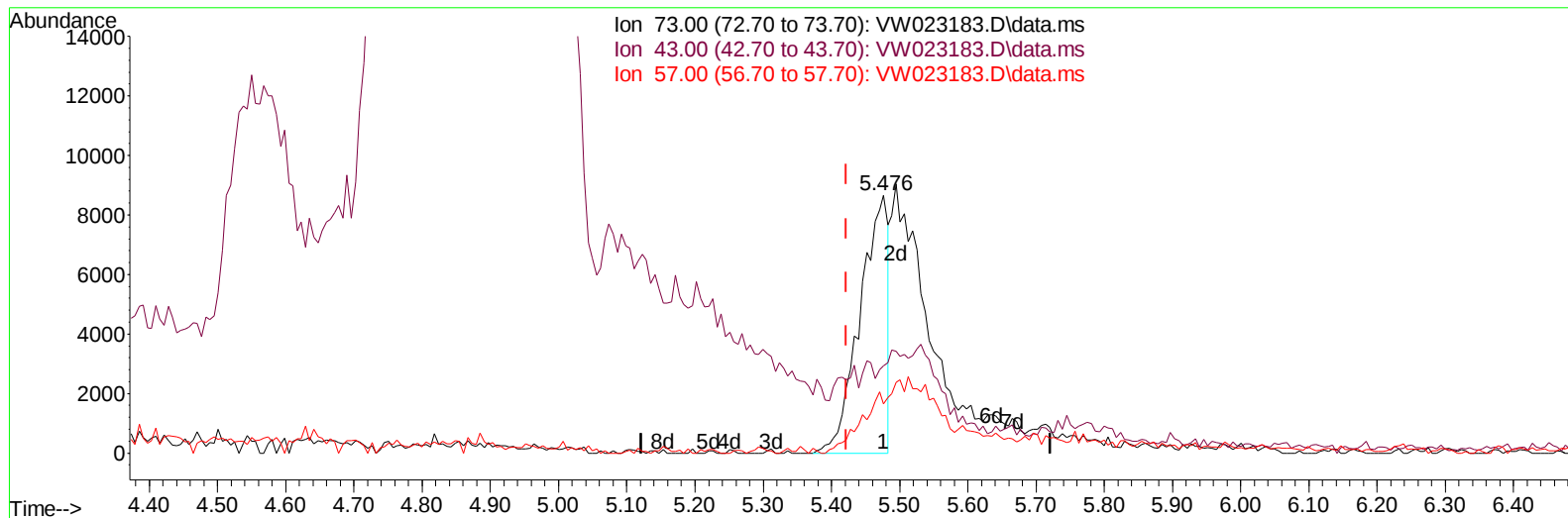
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(18) Methyl tert-butyl Ether (T)

5.476min (+ 0.055) 2.69 ug/L

response 24613

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	19.90	0.00#
57.00	20.60	3.47#
0.00	0.00	0.00

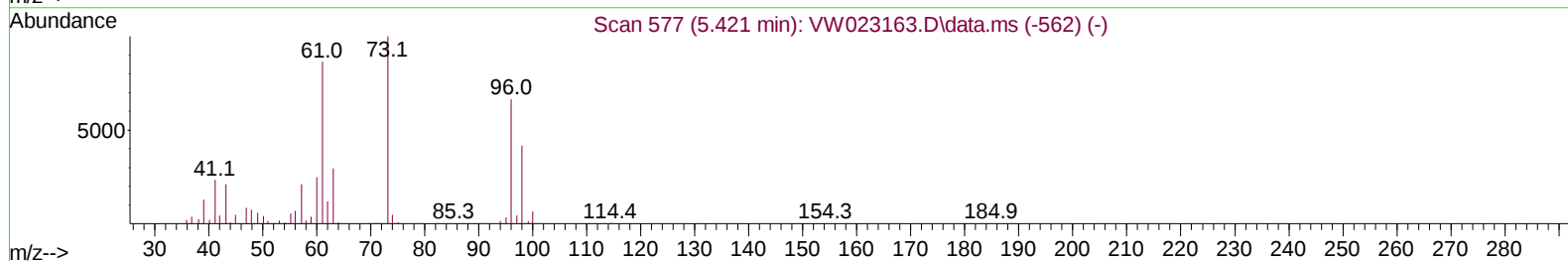
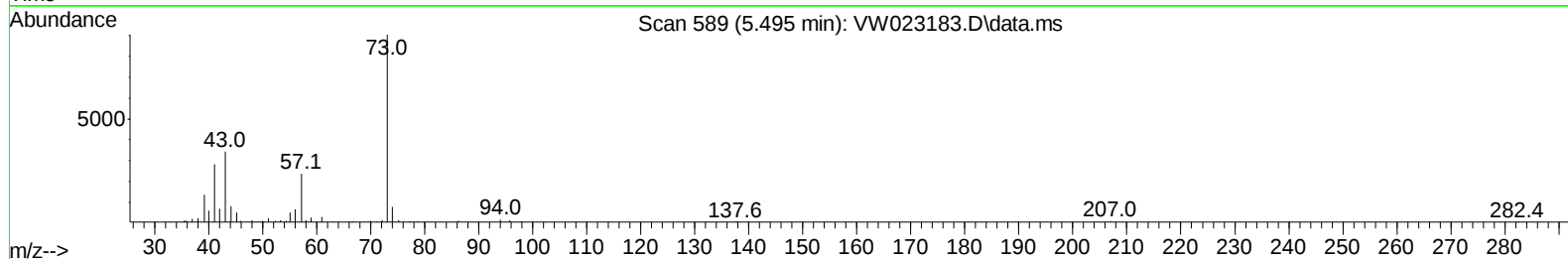
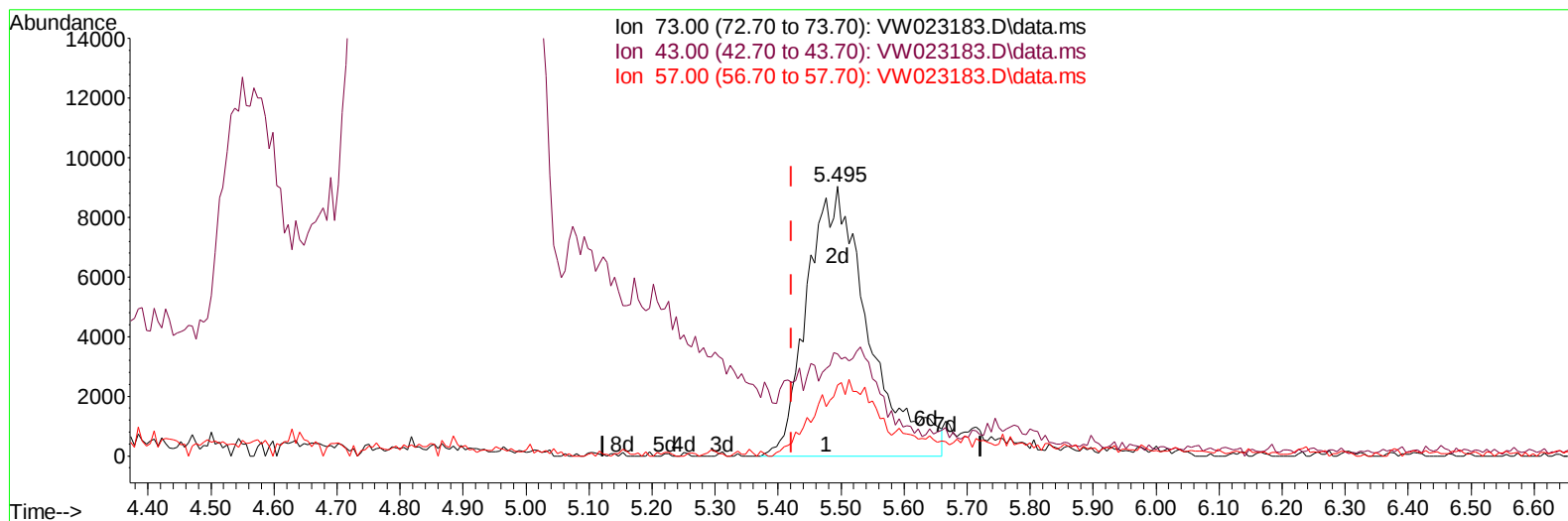
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(18) Methyl tert-butyl Ether (T)

5.495min (+ 0.073) 6.69 ug/L m

response 61240

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	19.90	0.00#
57.00	20.60	1.39#
0.00	0.00	0.00

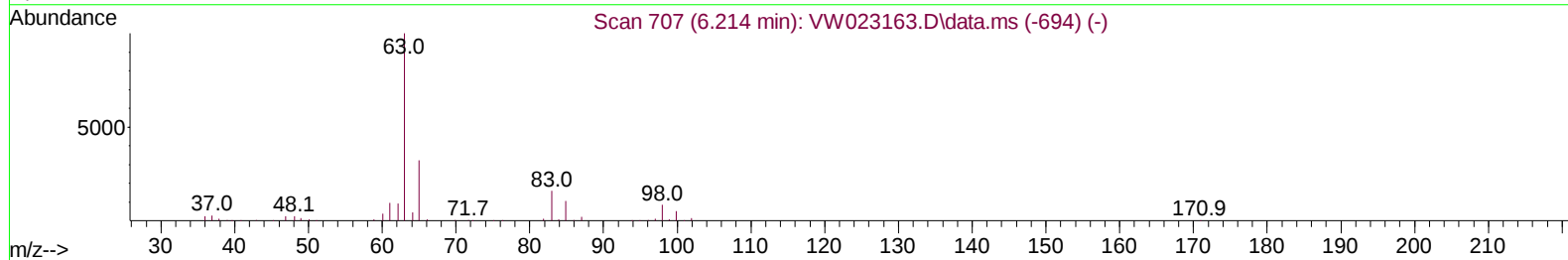
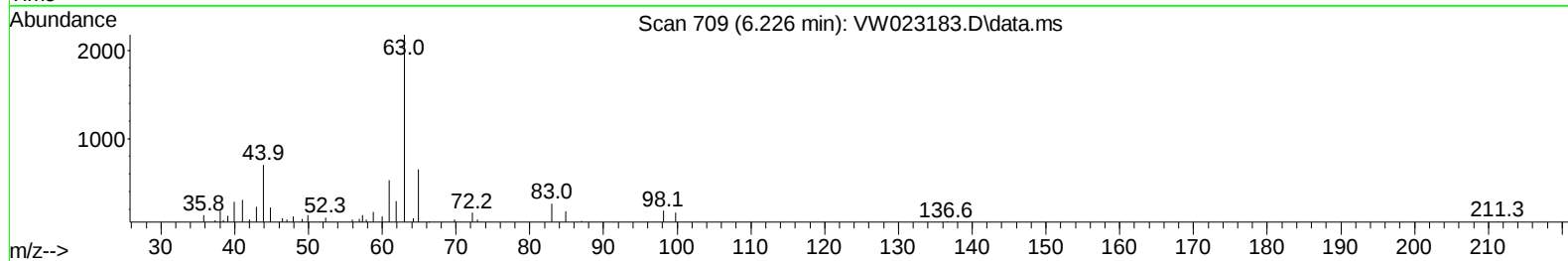
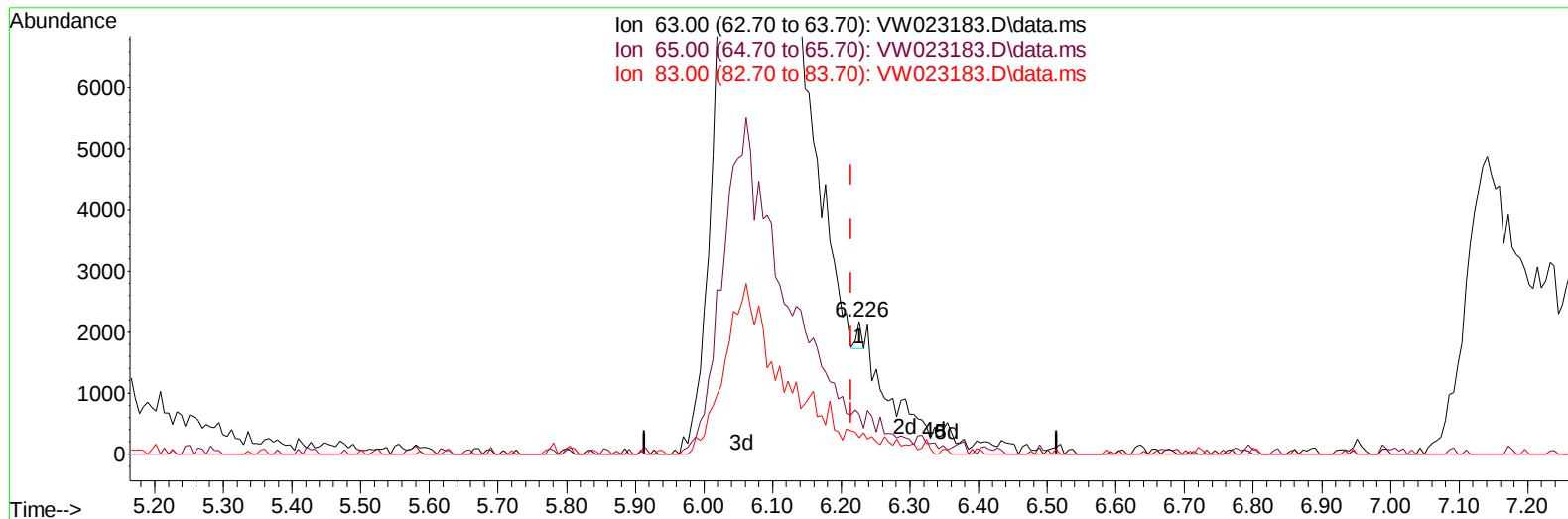
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(19) 1,1-Dichloroethane (T)

6.226min (+ 0.012) 0.02 ug/L

response 214

Ion	Exp%	Act%
63.00	100.00	100.00
65.00	33.30	29.77
83.00	15.80	12.13
0.00	0.00	0.00

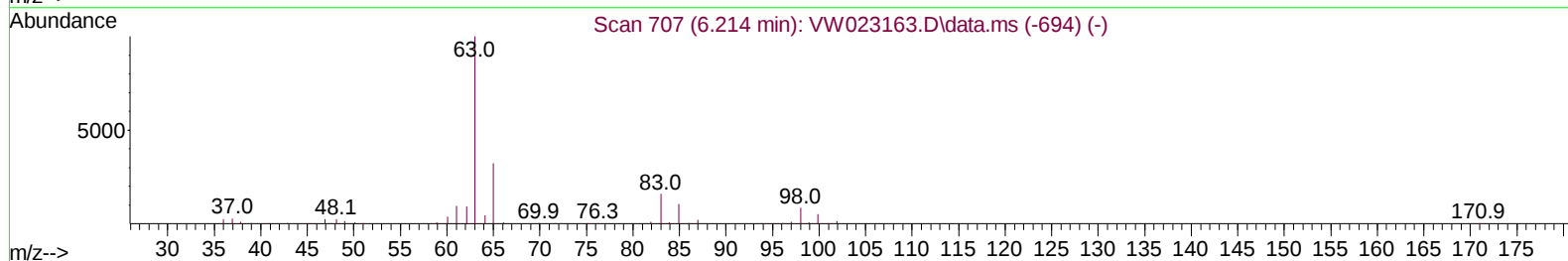
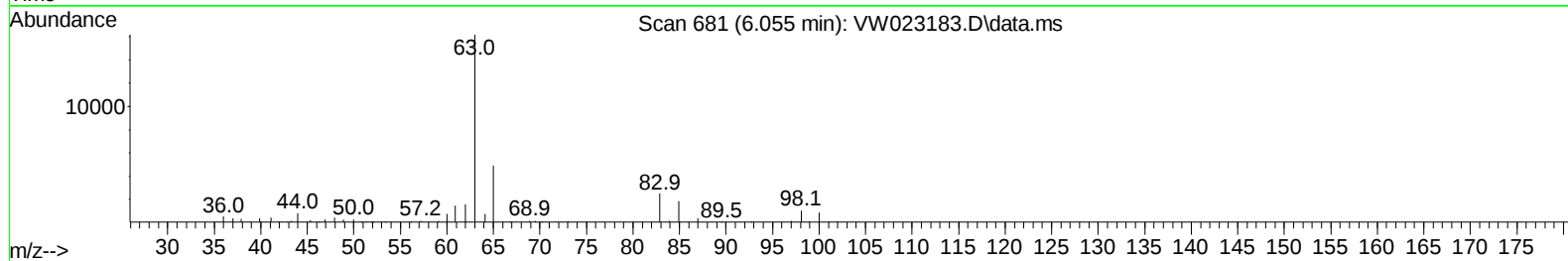
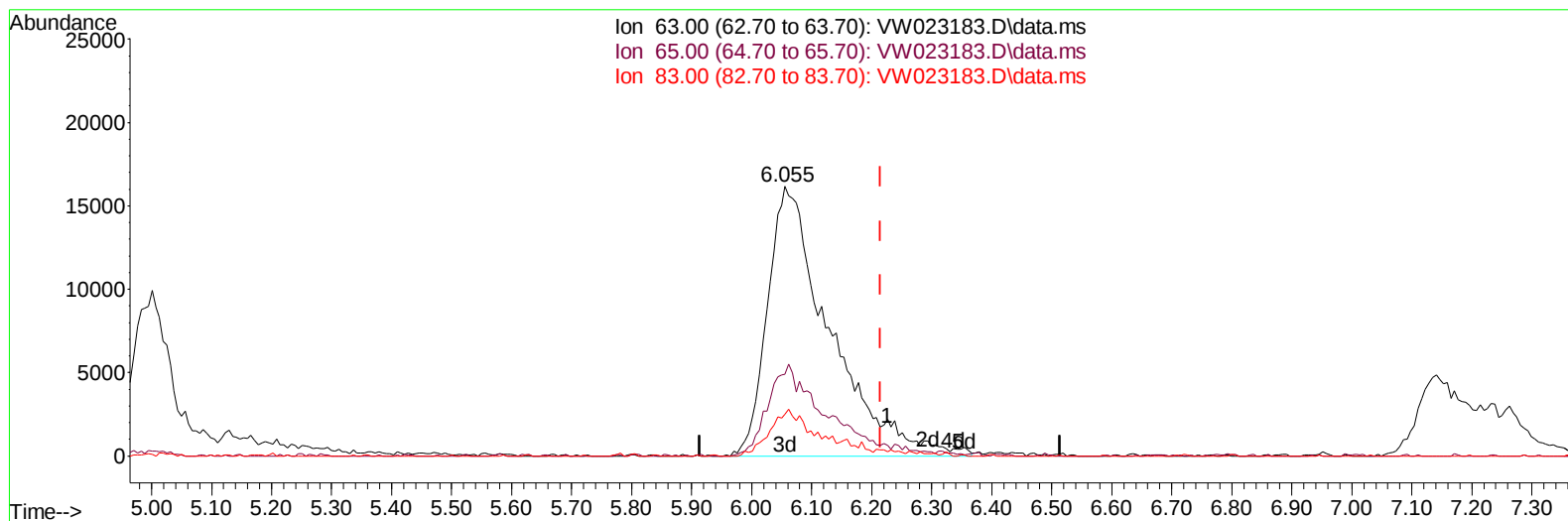
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(19) 1,1-Dichloroethane (T)

6.055min (-0.159) 11.43 ug/L m

response 116188

Ion	Exp%	Act%
63.00	100.00	100.00
65.00	33.30	30.30
83.00	15.80	15.52
0.00	0.00	0.00

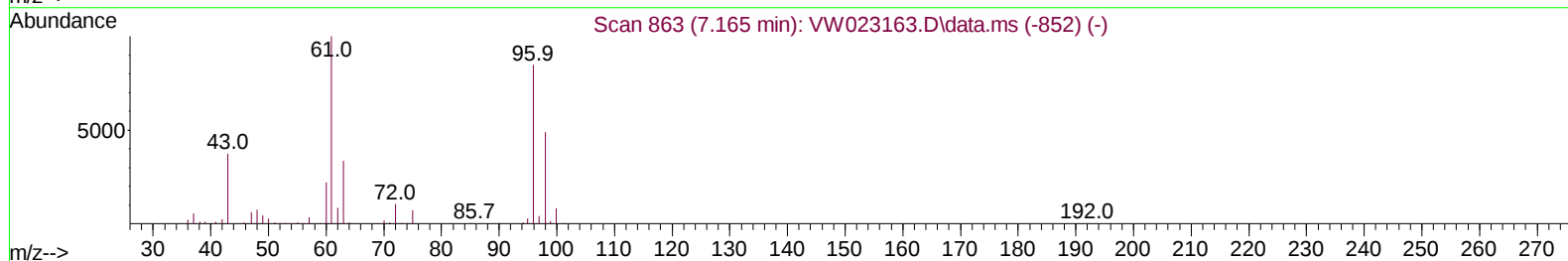
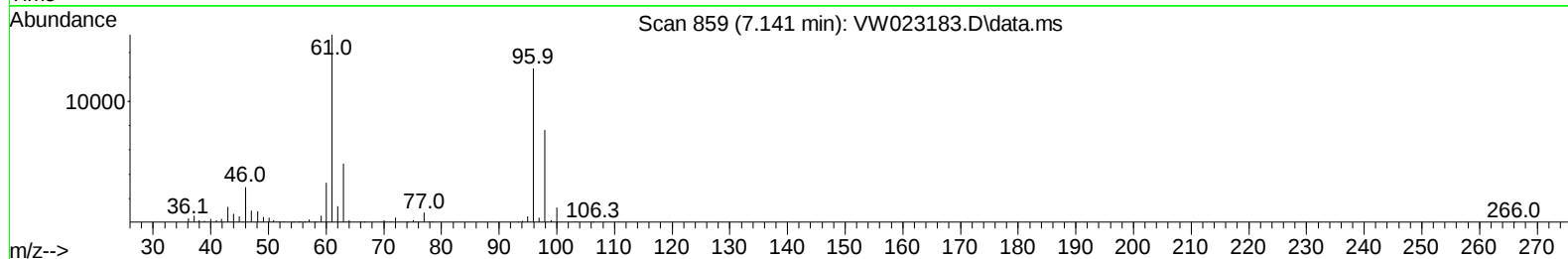
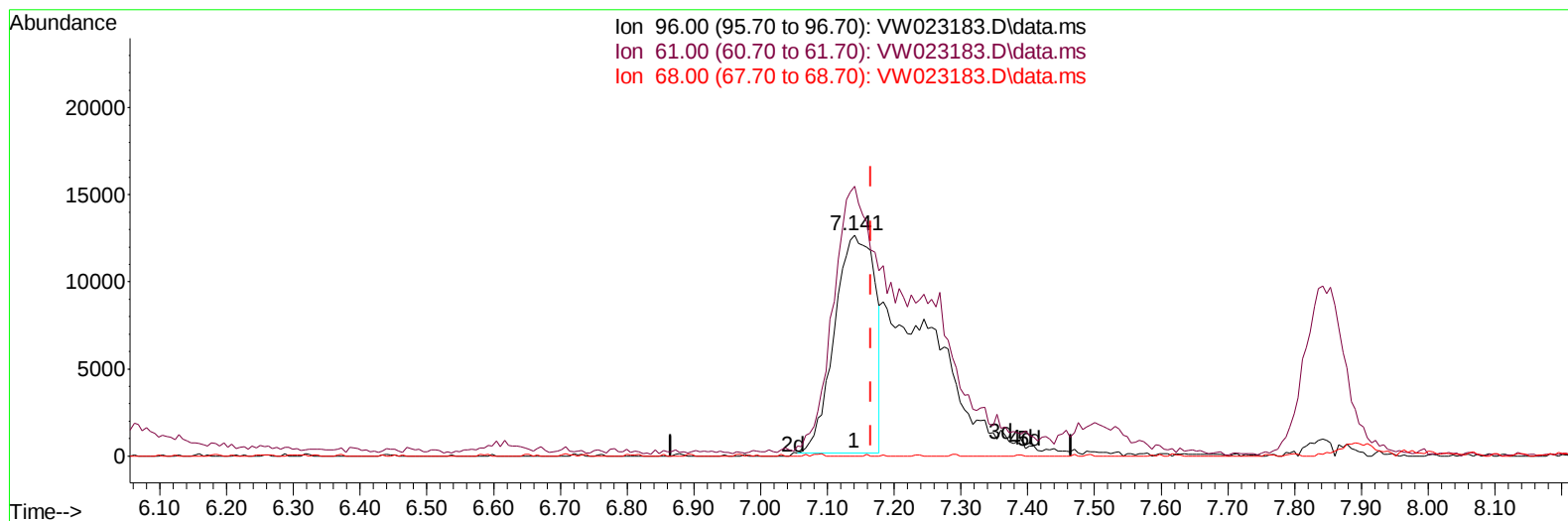
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration



TIC: VW023183.D\data.ms

(20) cis-1,2-Dichloroethene (T)

7.141min (-0.024) 8.16 ug/L

response 52521

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	120.30	121.98
68.00	0.10	0.00#
0.00	0.00	0.00

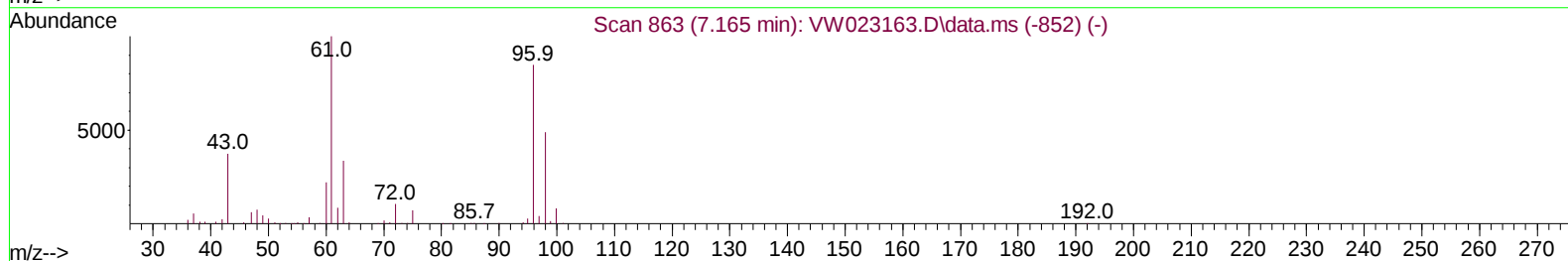
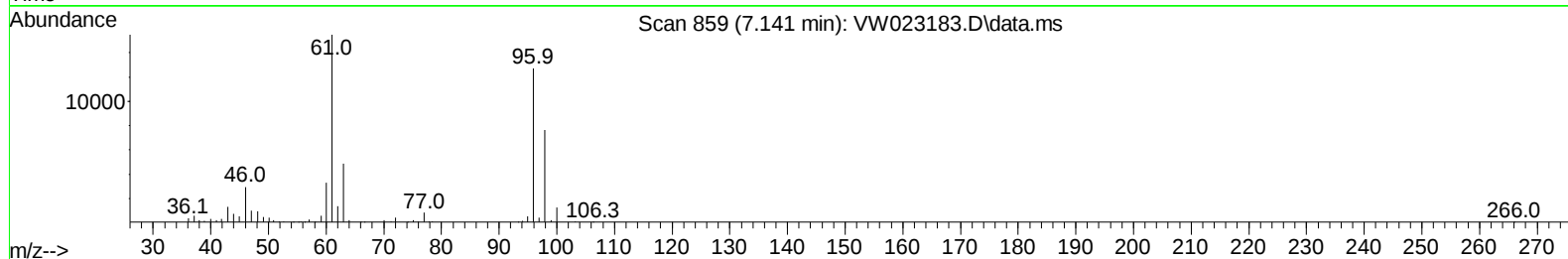
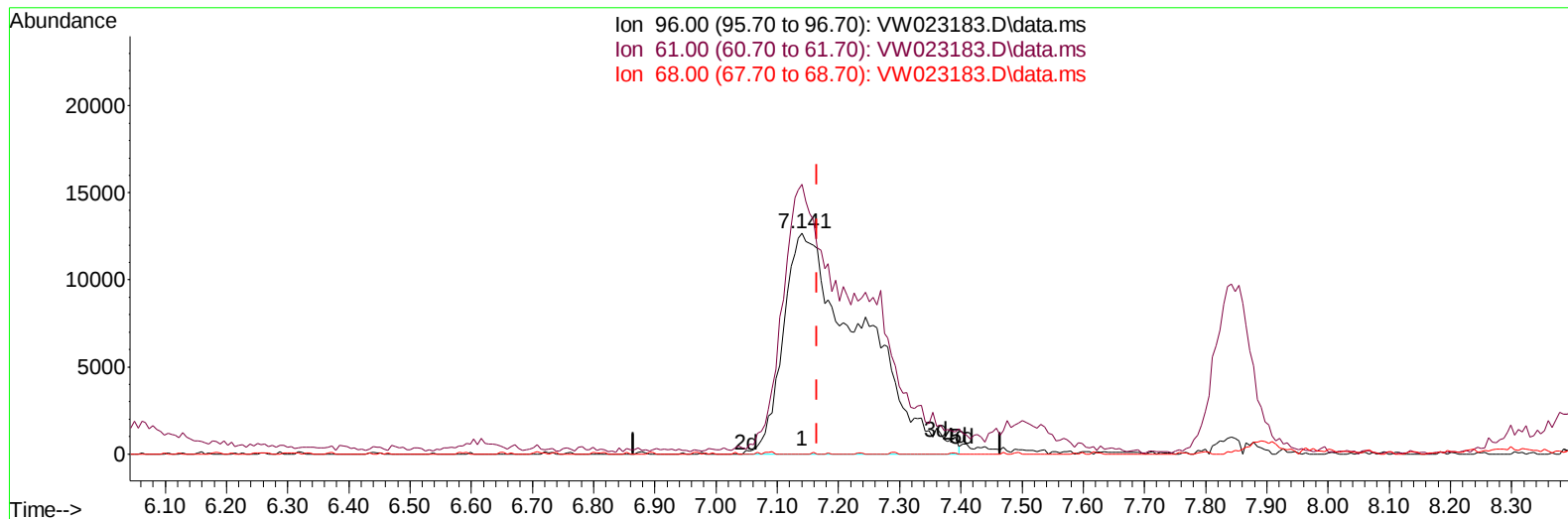
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration



TIC: VW023183.D\data.ms

(20) cis-1,2-Dichloroethene (T)

7.141min (-0.024) 17.42 ug/L m

response 112203

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	120.30	121.98
68.00	0.10	0.00#
0.00	0.00	0.00

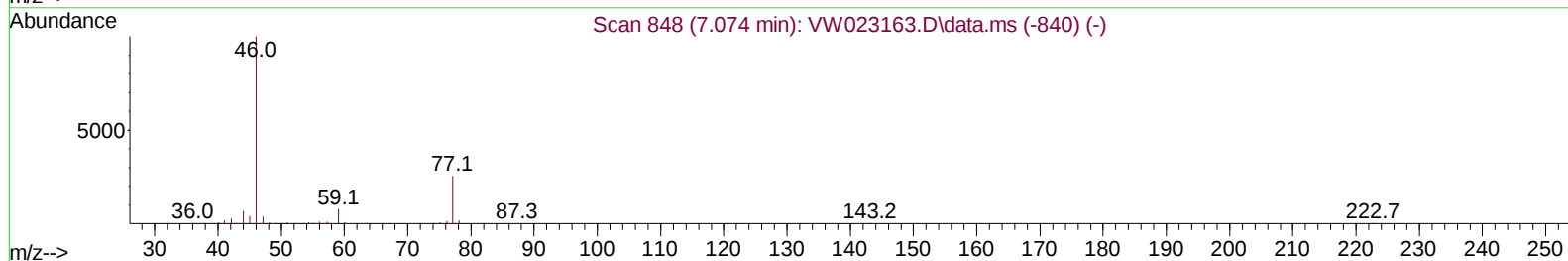
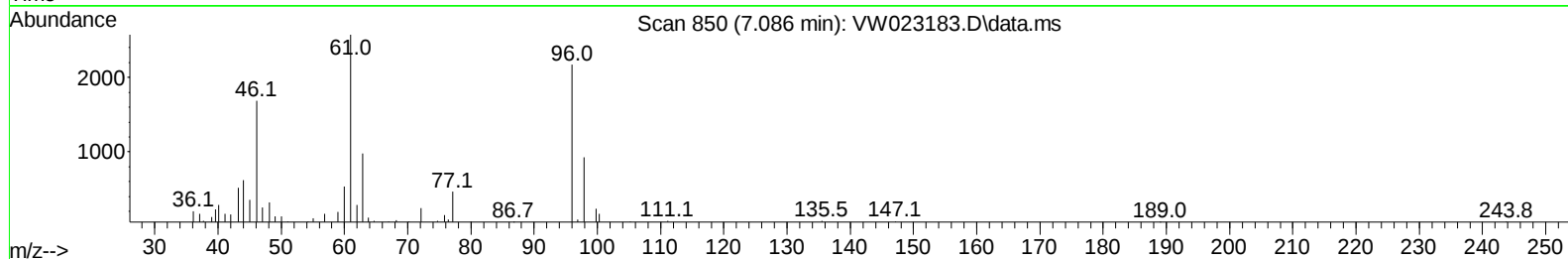
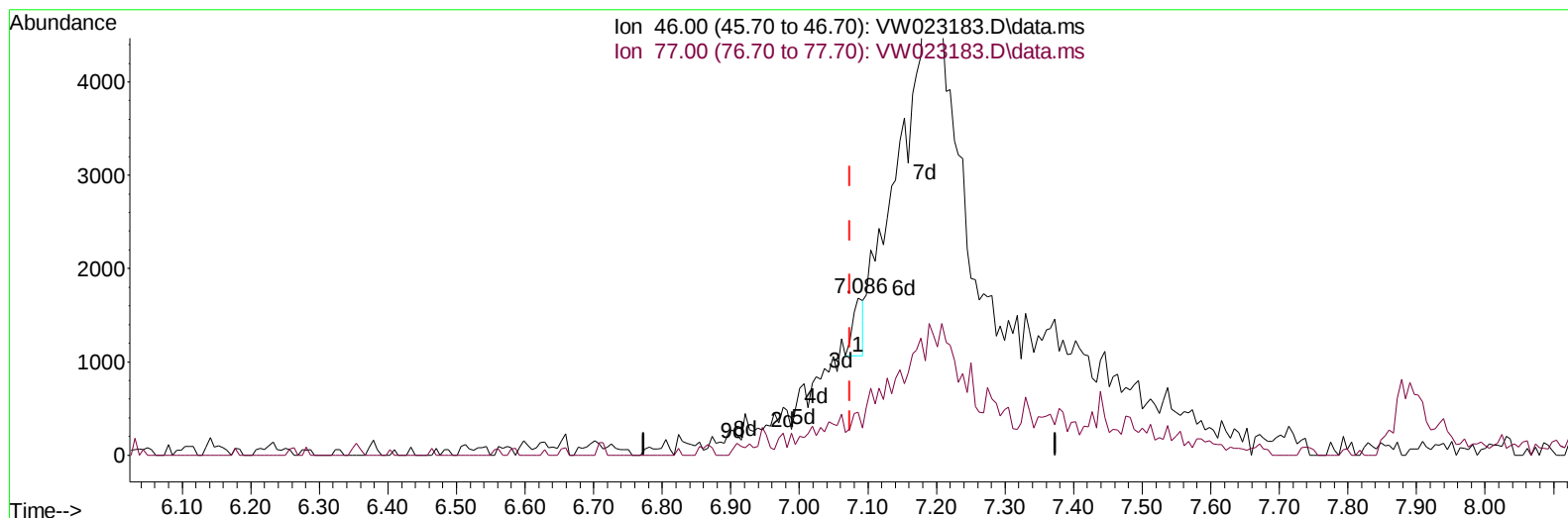
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration



TIC: VW023183.D\data.ms

(21) 2-Butanone-d5 (S)

7.086min (+ 0.012) 0.42 ug/L

response 675

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.90	27.56
0.00	0.00	0.00
0.00	0.00	0.00

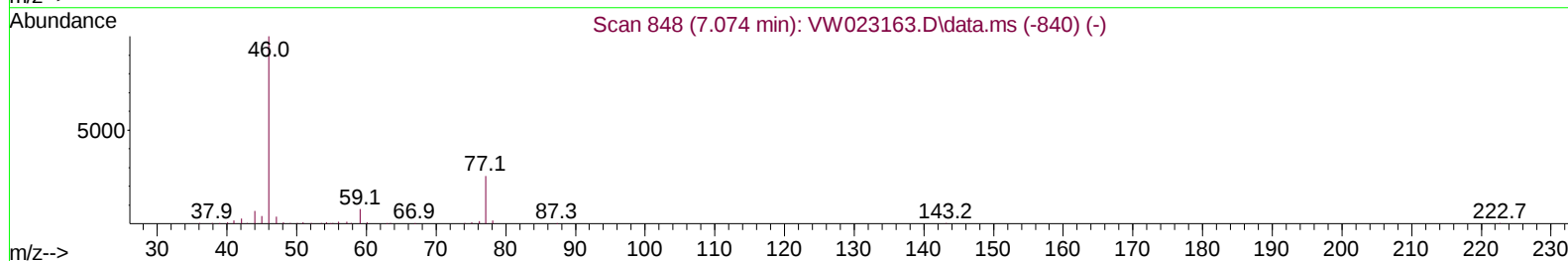
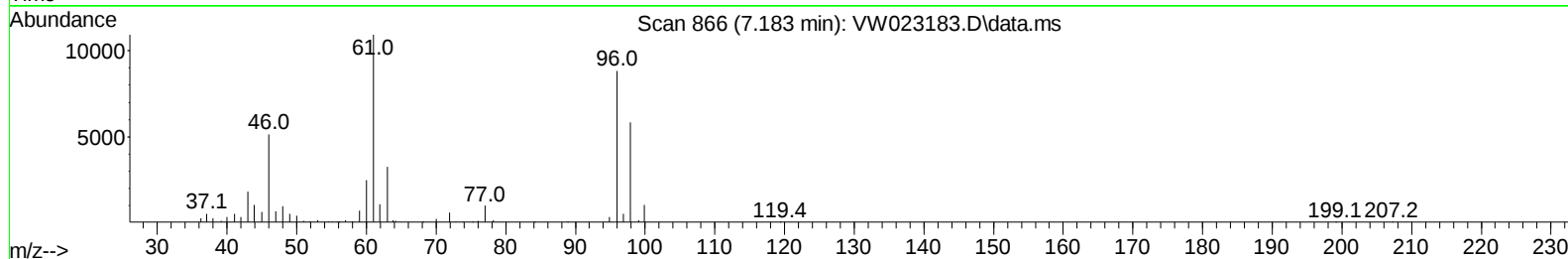
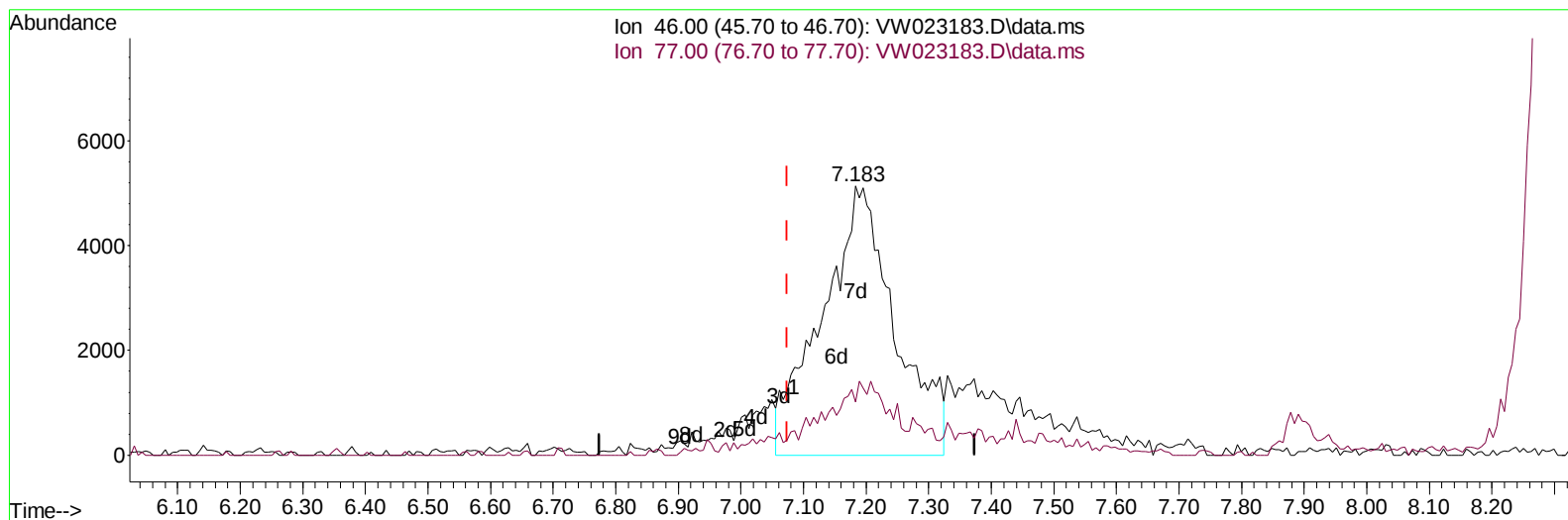
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(21) 2-Butanone-d5 (S)

7.183min (+ 0.110) 25.68 ug/L m

response 41675

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.90	0.45#
0.00	0.00	0.00
0.00	0.00	0.00

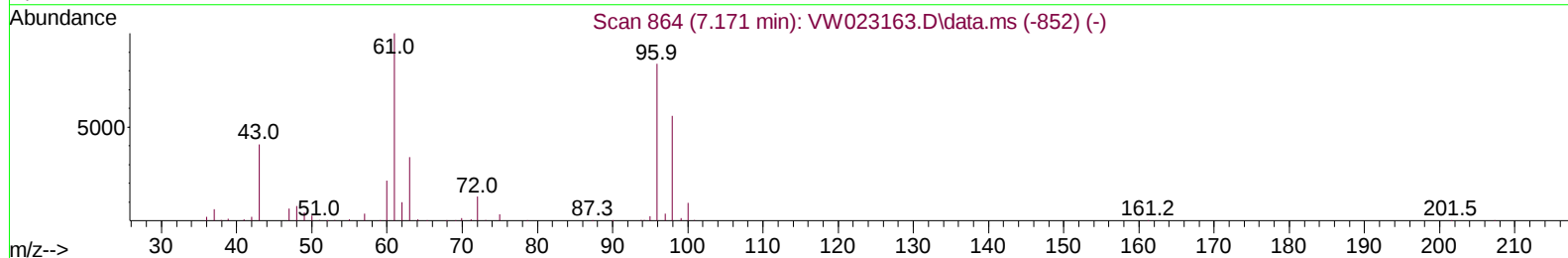
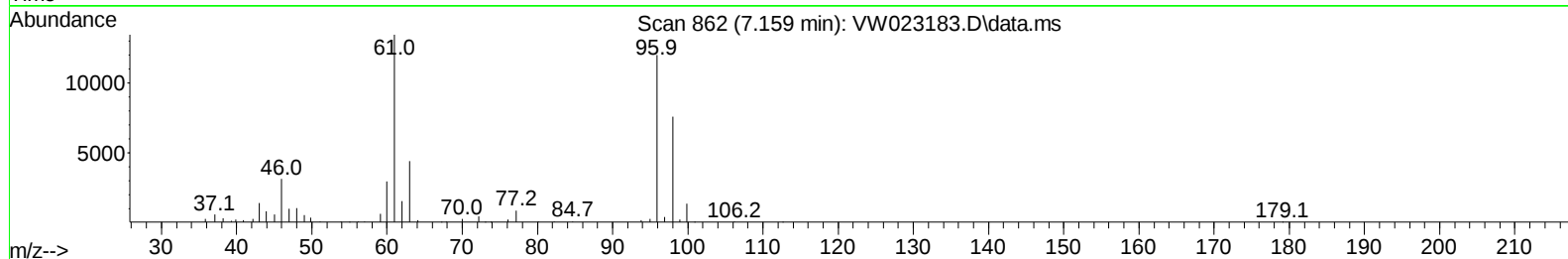
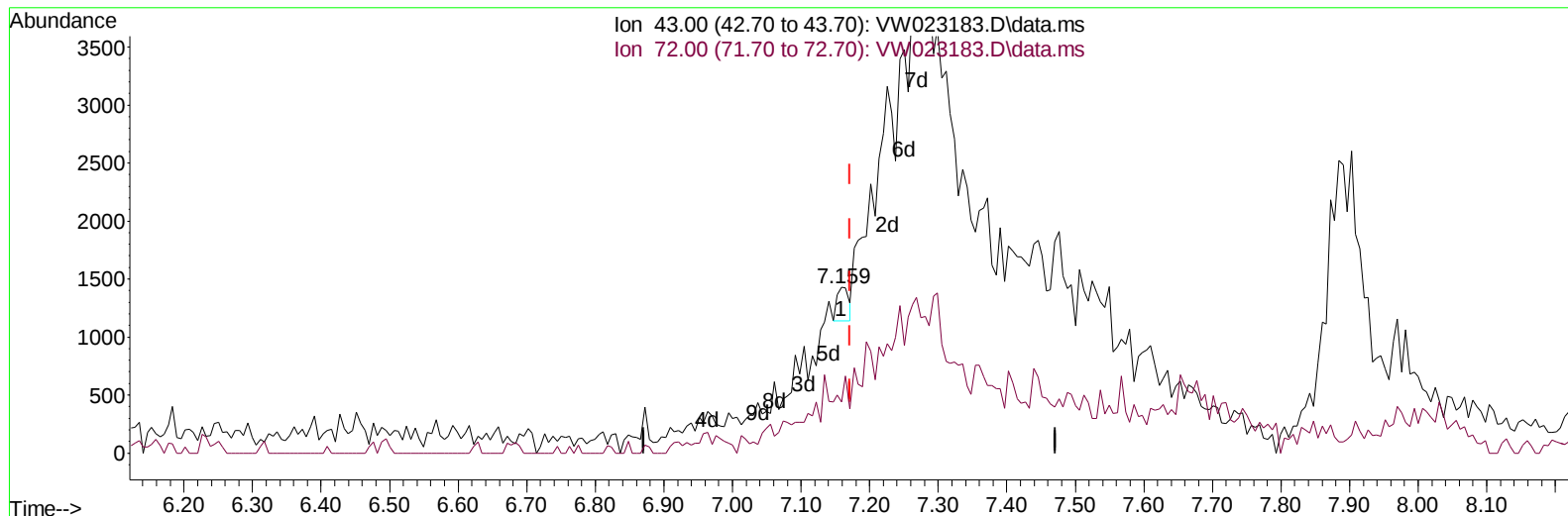
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SoIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(22) 2-Butanone (T)

7.159min (-0.012) 0.20 ug/L

response 344

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	30.20	30.23
0.00	0.00	0.00
0.00	0.00	0.00

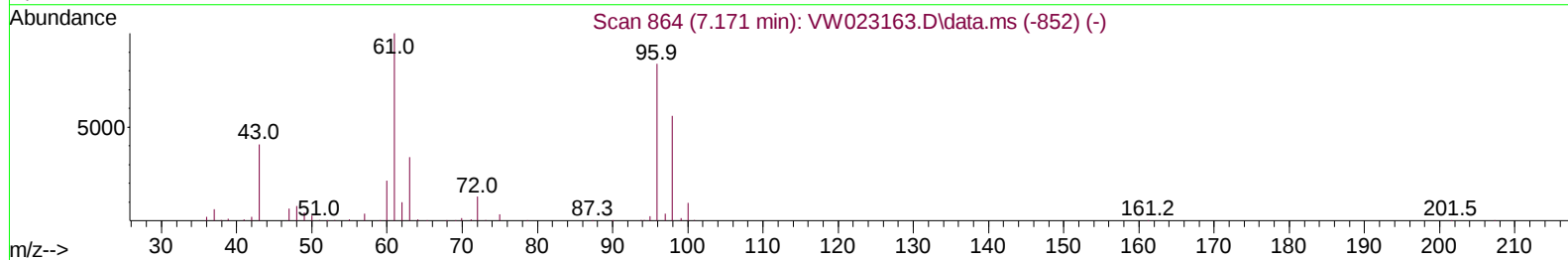
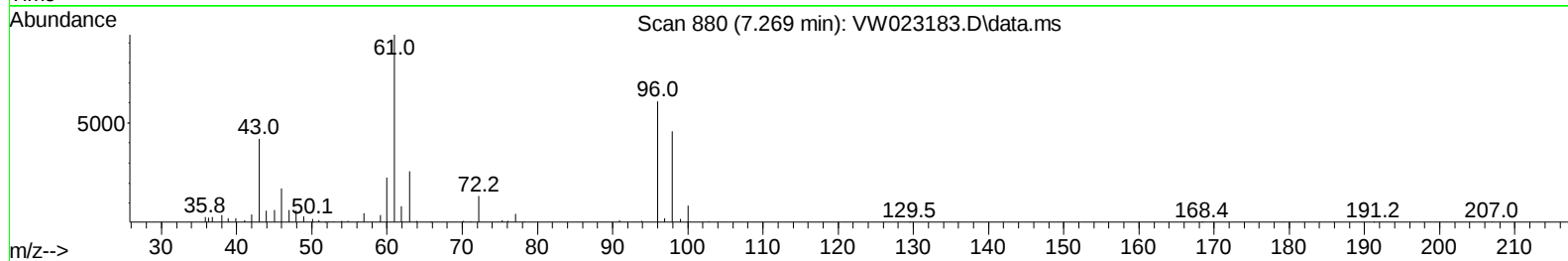
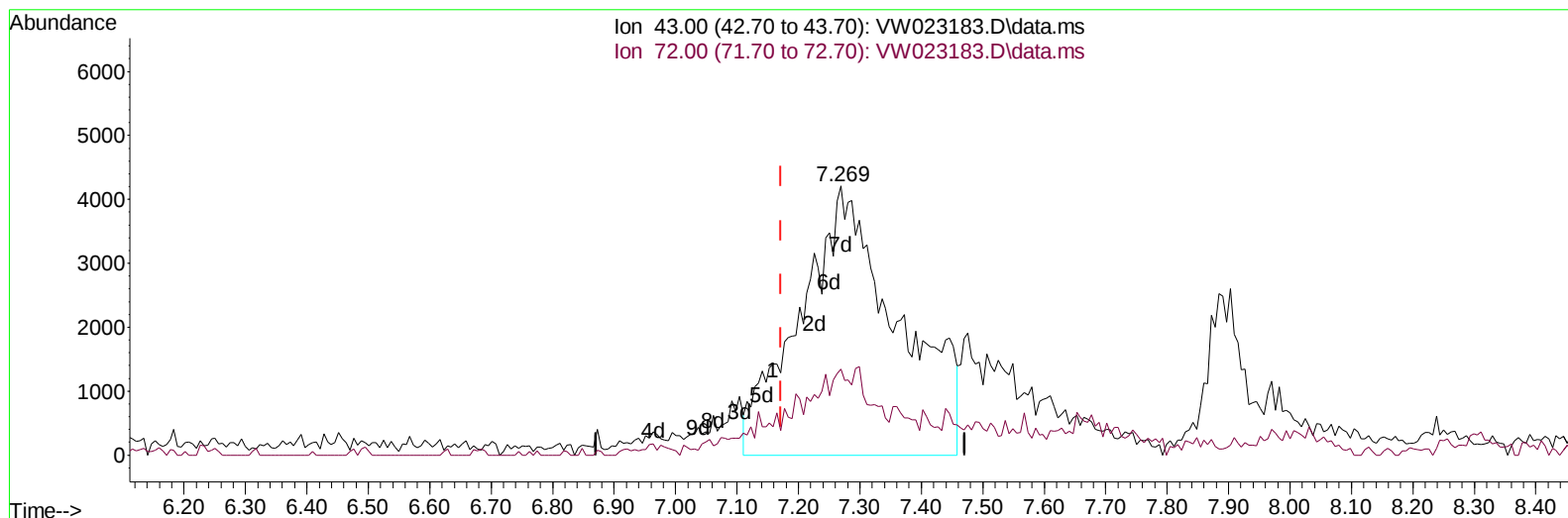
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(22) 2-Butanone (T)

7.269min (+ 0.098) 27.37 ug/L m

response 46506

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	30.20	0.22#
0.00	0.00	0.00
0.00	0.00	0.00

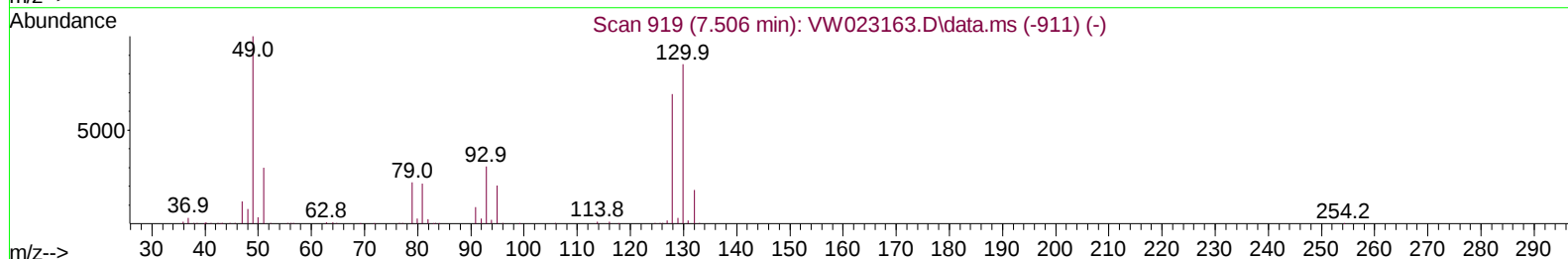
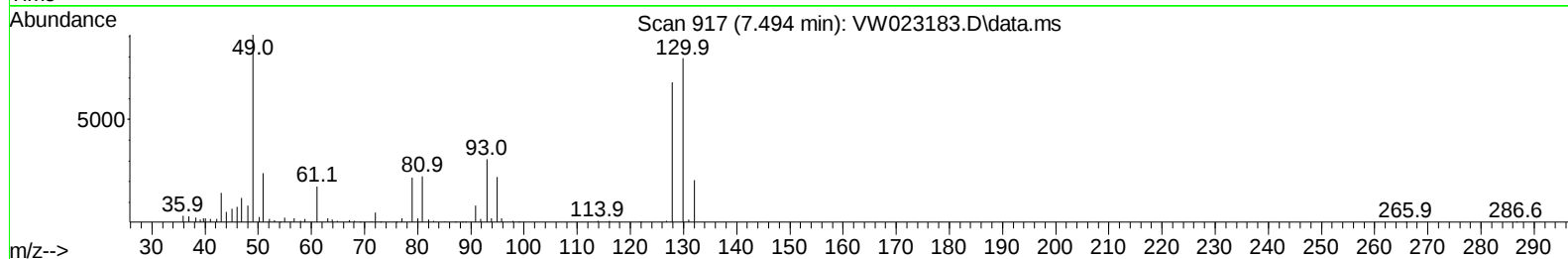
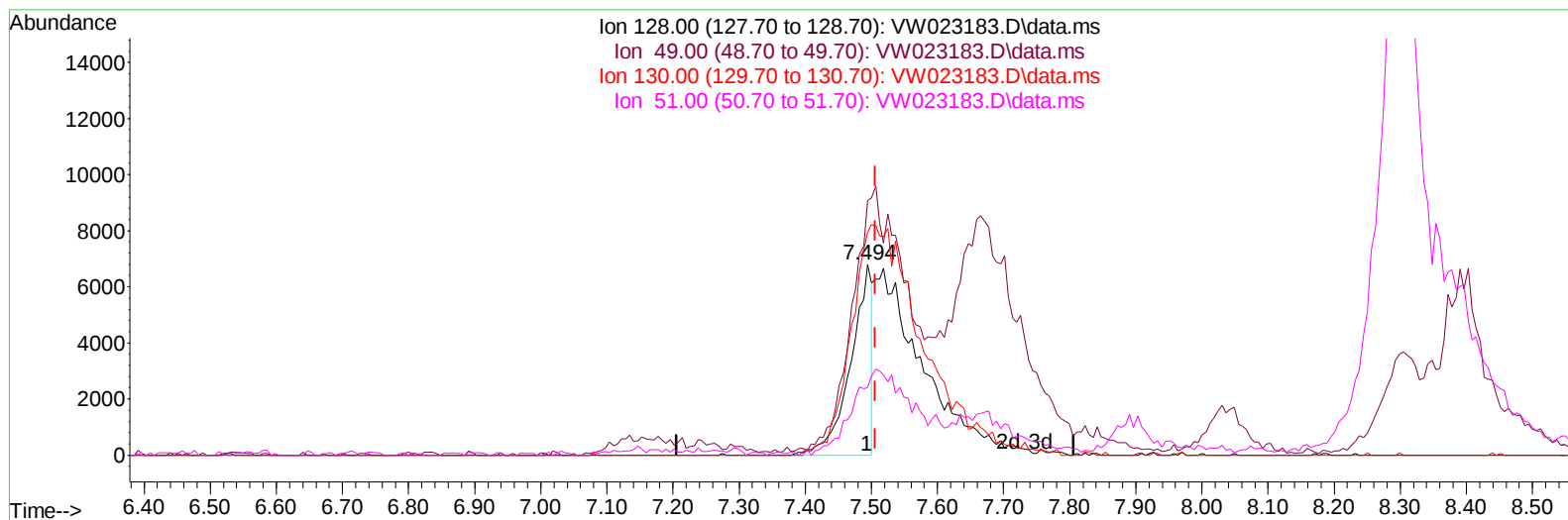
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Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration



TIC: VW023183.D\data.ms

(23) Bromochloromethane (T)

7.494min (-0.012) 5.07 ug/L

response 15286

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	157.20	133.54
130.00	135.40	116.68
51.00	50.20	35.47#

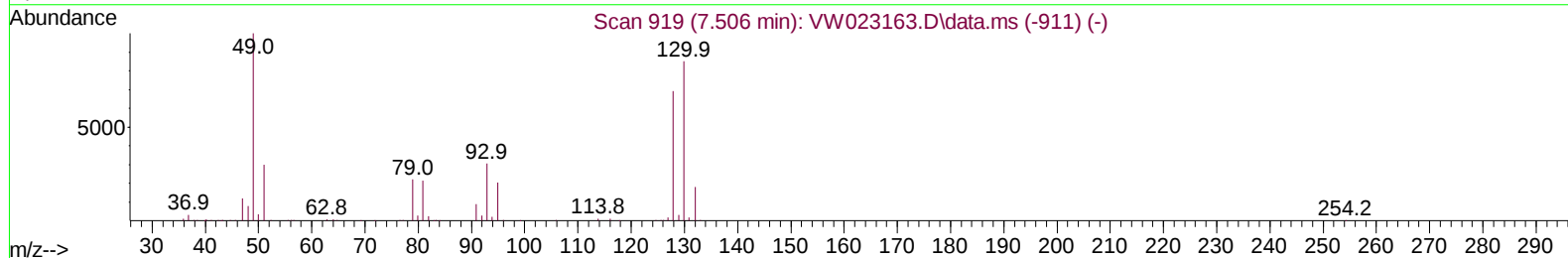
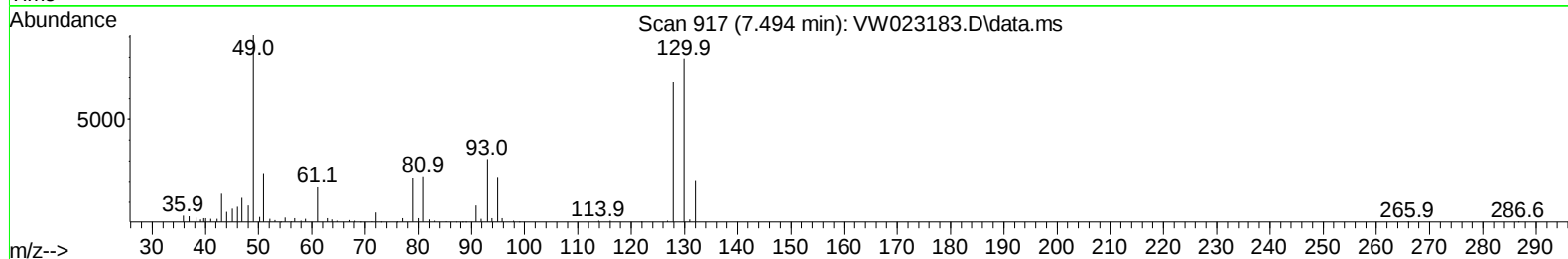
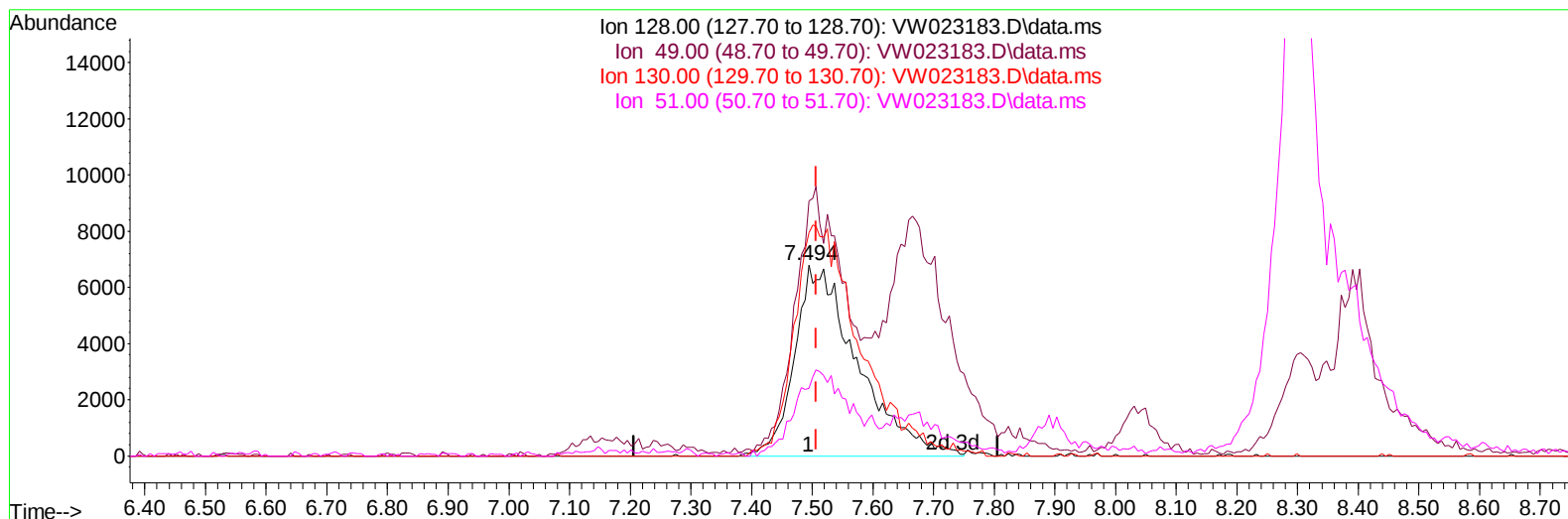
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(23) Bromochloromethane (T)

7.494min (-0.012) 16.15 ug/L m

response 48716

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	157.20	133.54
130.00	135.40	116.68
51.00	50.20	35.47#

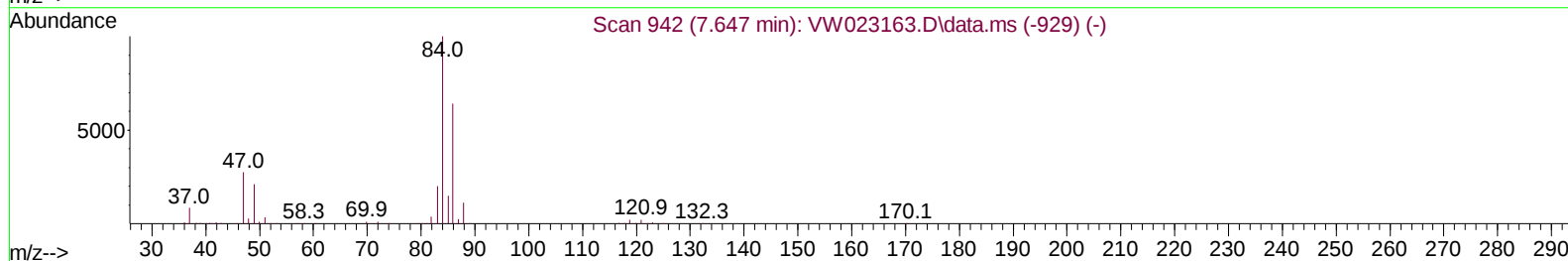
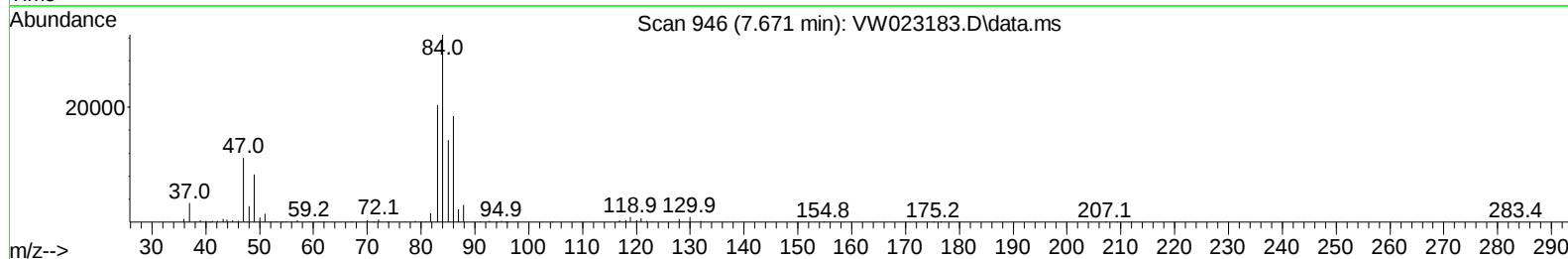
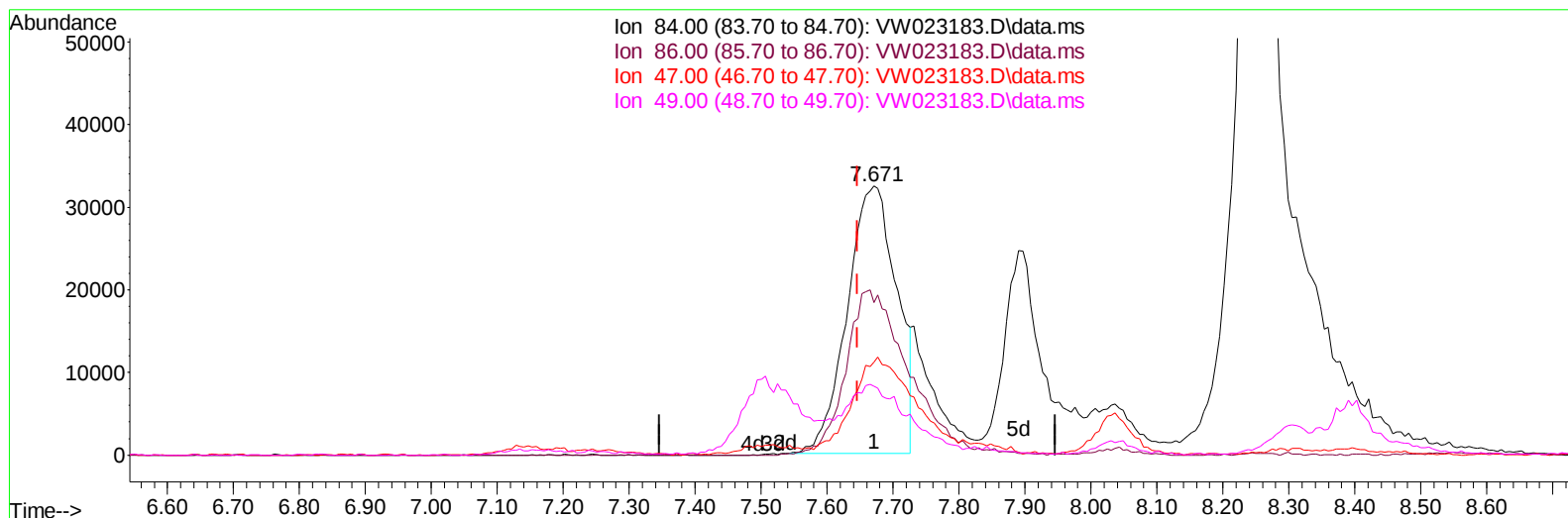
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(24) Chloroform-d (S)

7.671min (+ 0.024) 13.92 ug/L

response 169660

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	61.90	77.31
47.00	43.20	41.52
49.00	26.40	6.78#

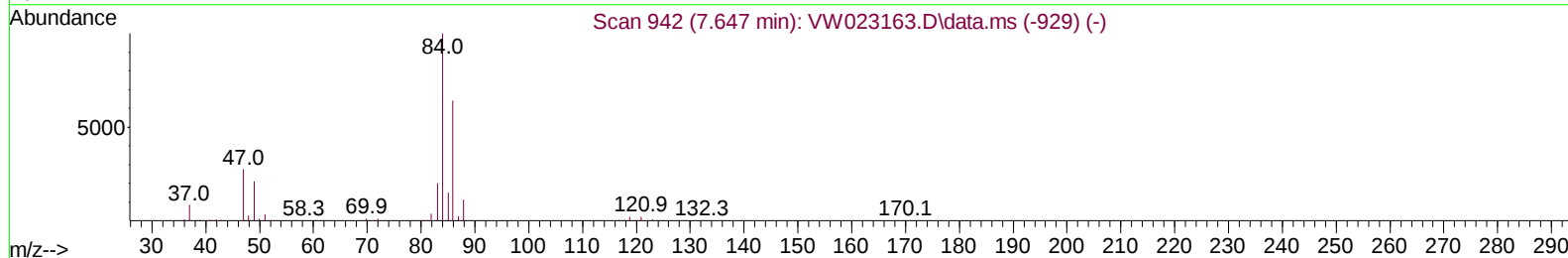
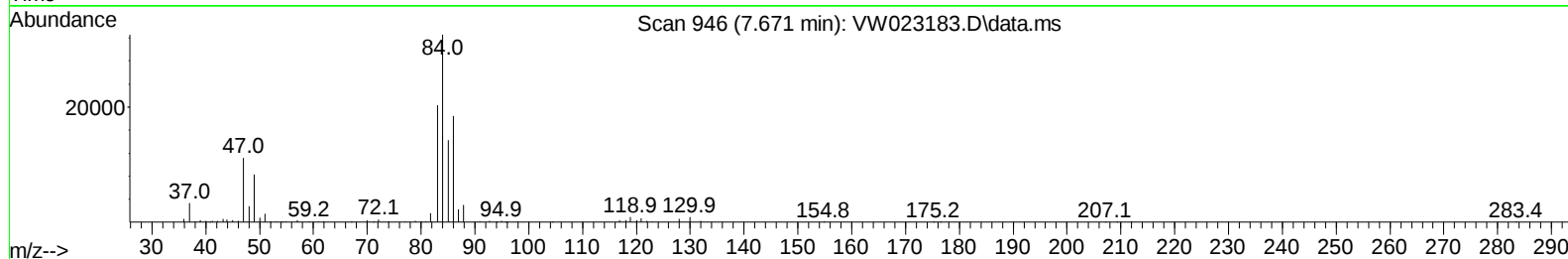
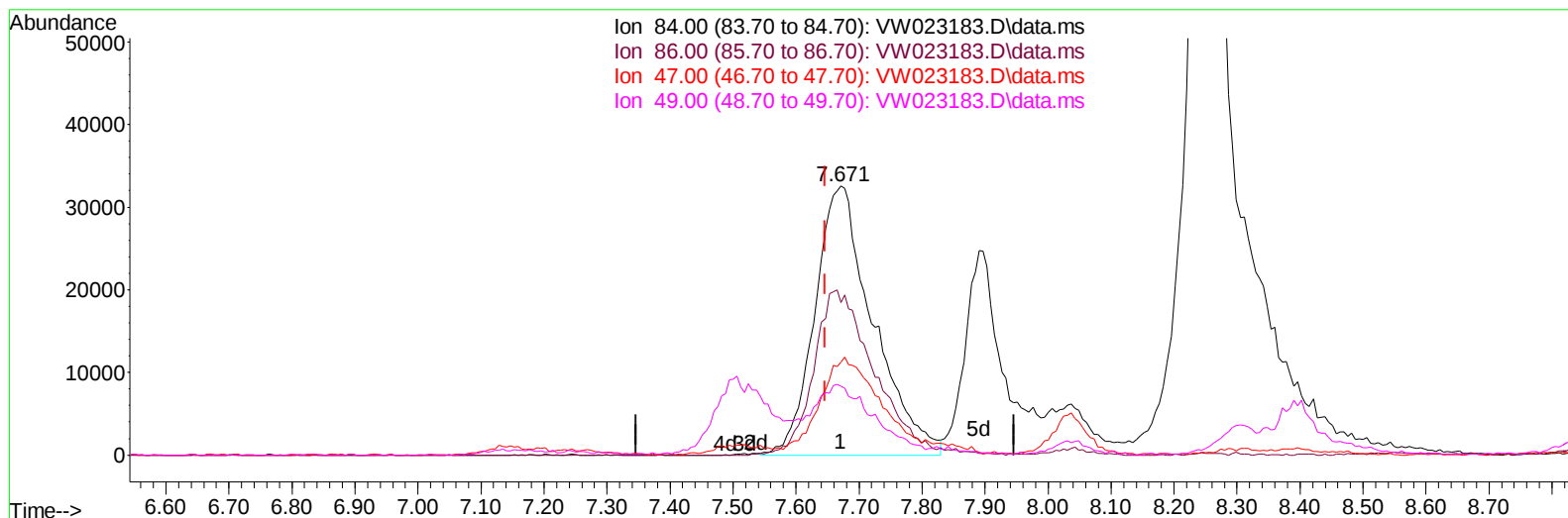
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(24) Chloroform-d (S)

7.671min (+ 0.024) 17.14 ug/L m

response 208832

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	61.90	62.81
47.00	43.20	33.73
49.00	26.40	5.51#

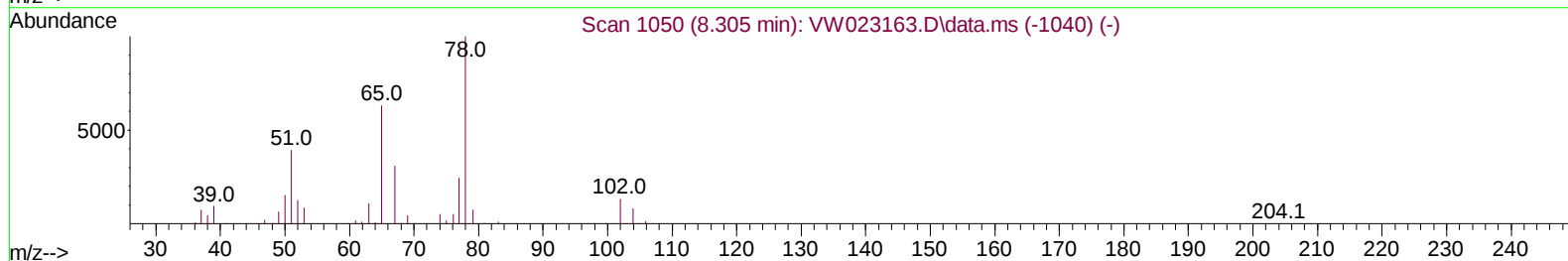
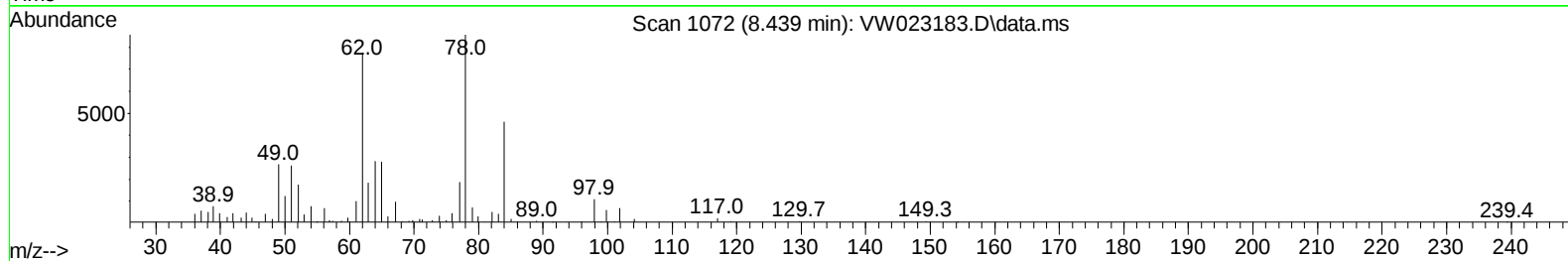
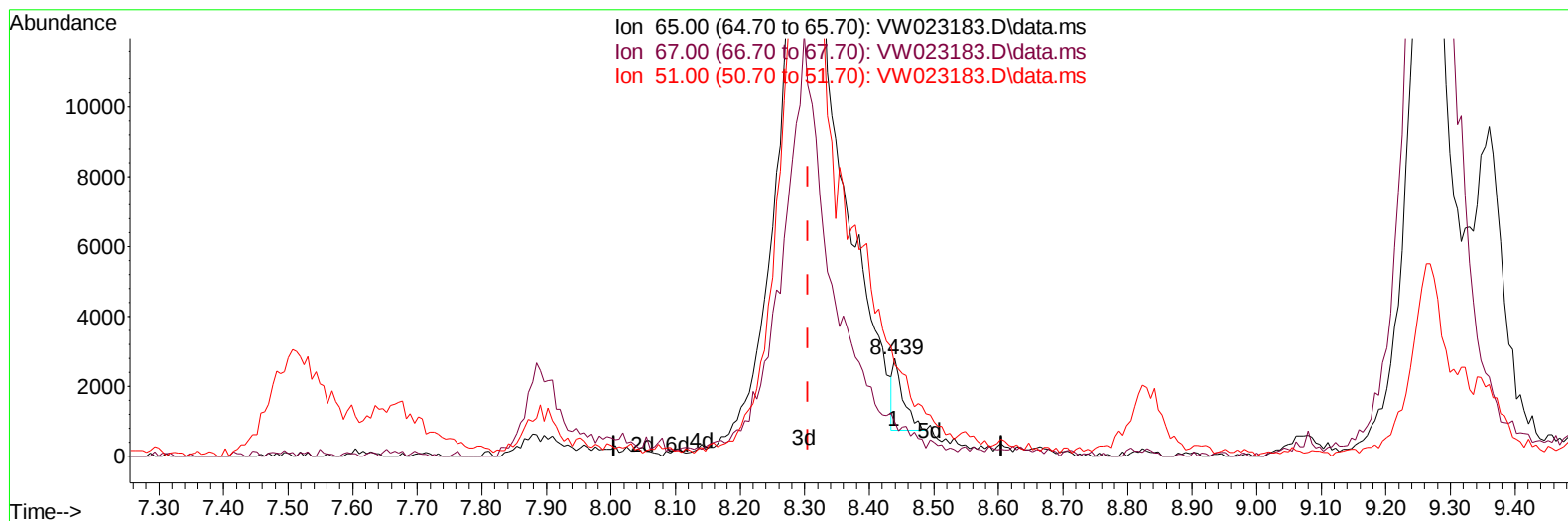
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration



TIC: VW023183.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.439min (+ 0.134) 0.34 ug/L

response 2291

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	51.10	41.12
51.00	92.30	65.39
0.00	0.00	0.00

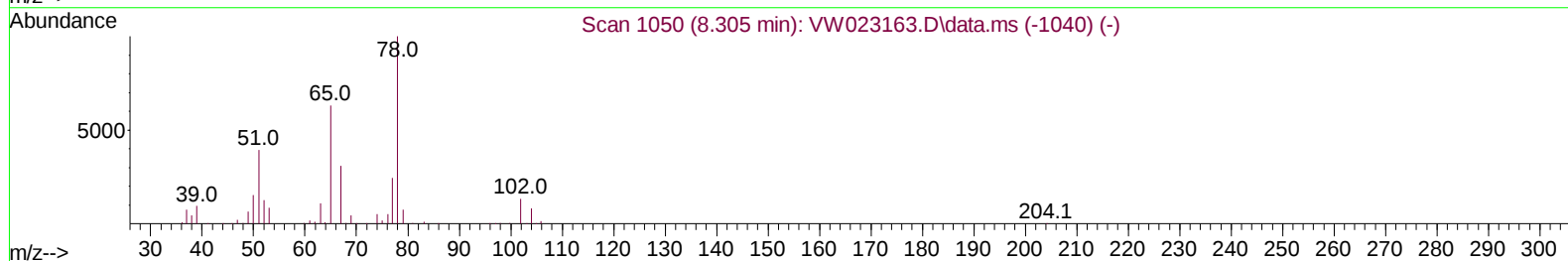
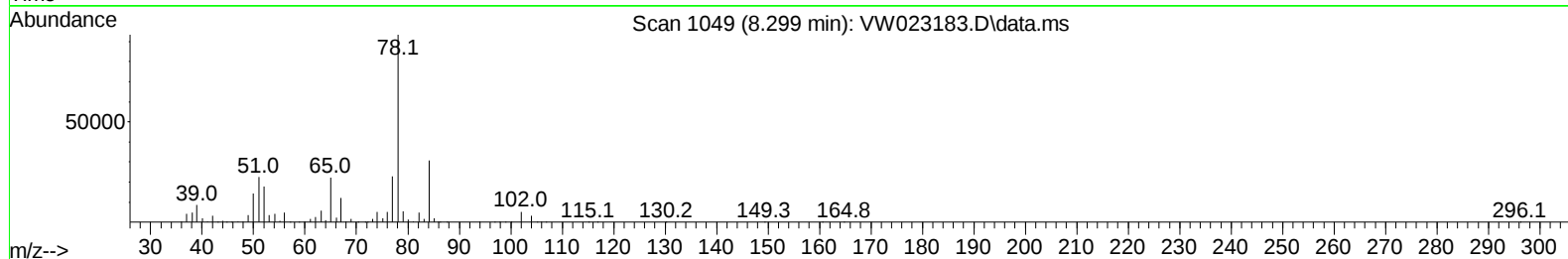
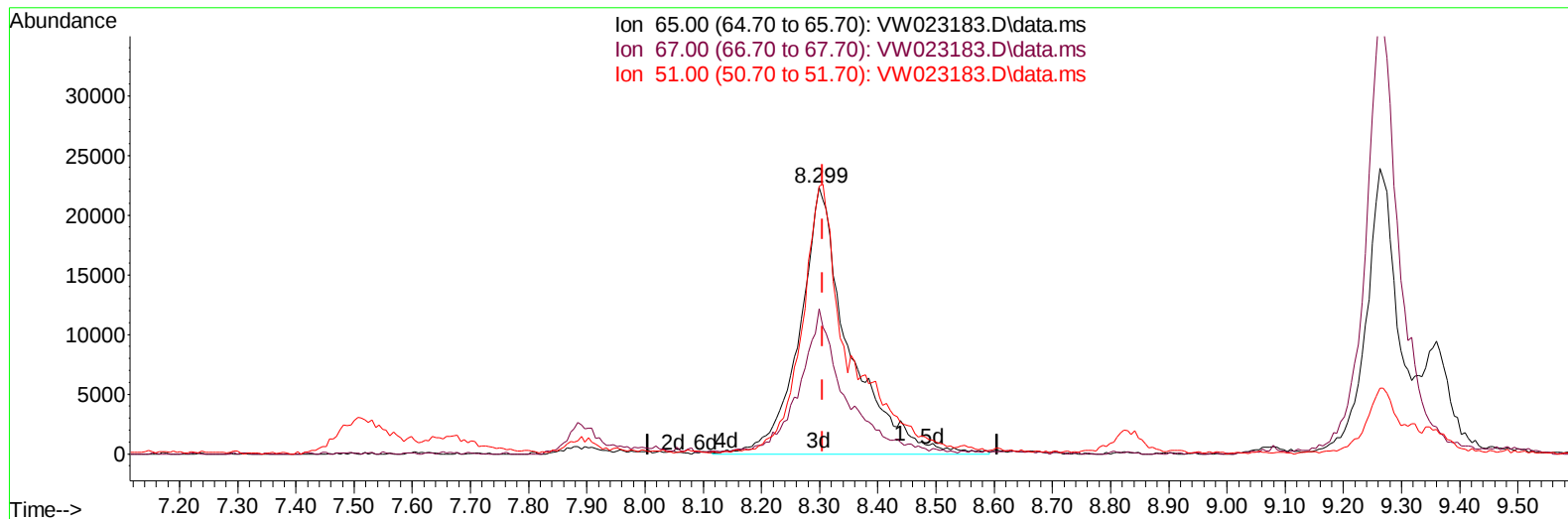
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration



TIC: VW023183.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.299min (-0.006) 19.74 ug/L m

response 131922

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	51.10	0.71#
51.00	92.30	1.14#
0.00	0.00	0.00

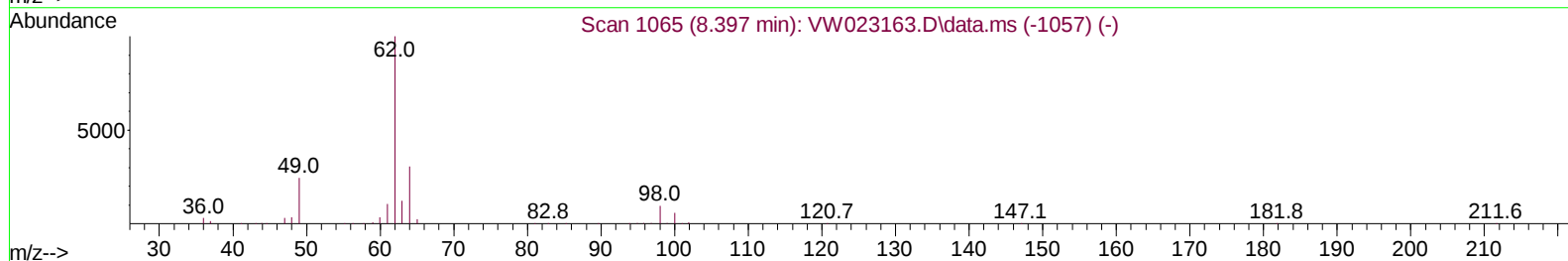
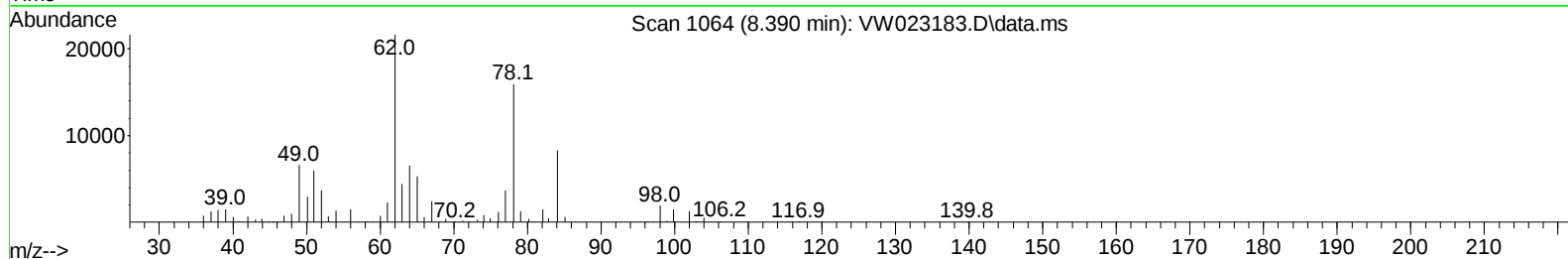
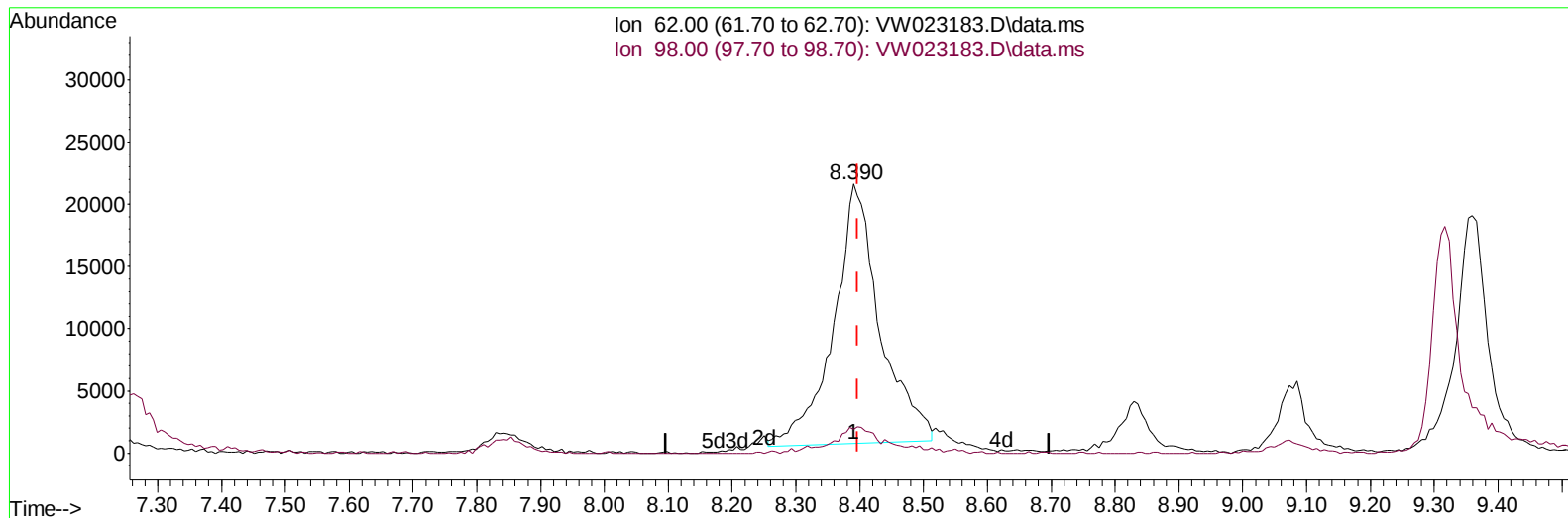
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(27) 1,2-Dichloroethane (T)

8.390min (-0.006) 14.05 ug/L

response 105229

Ion	Exp%	Act%
62.00	100.00	100.00
98.00	9.00	8.90
0.00	0.00	0.00
0.00	0.00	0.00

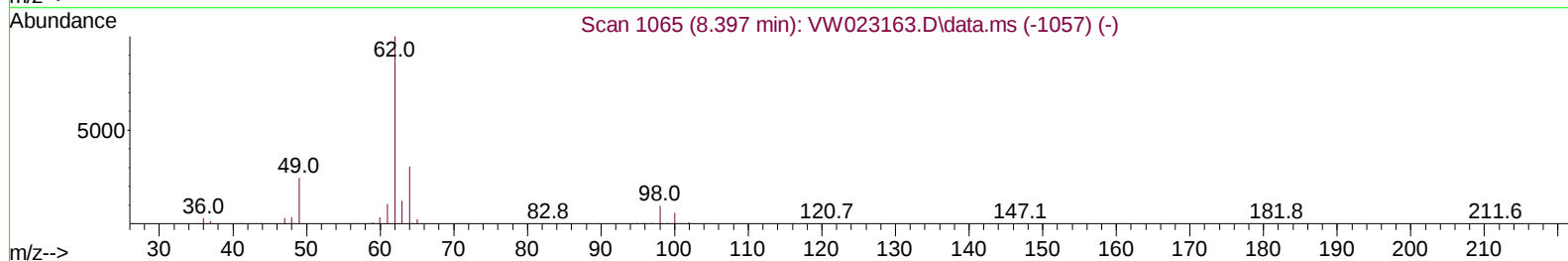
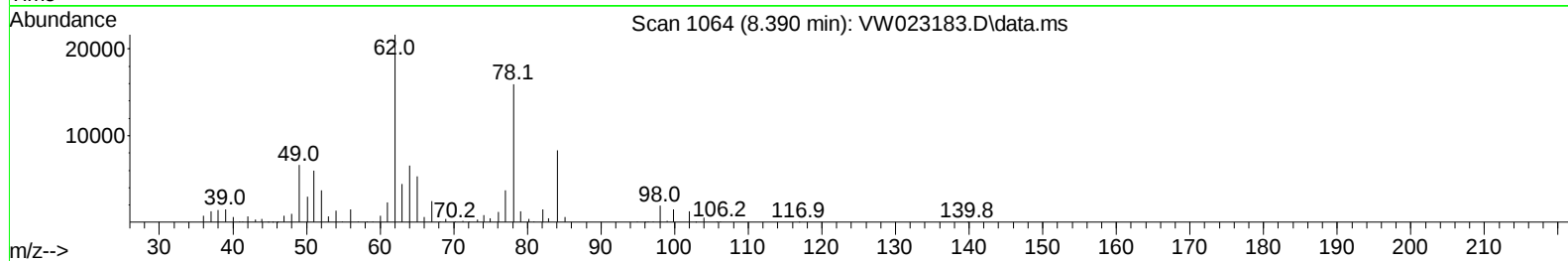
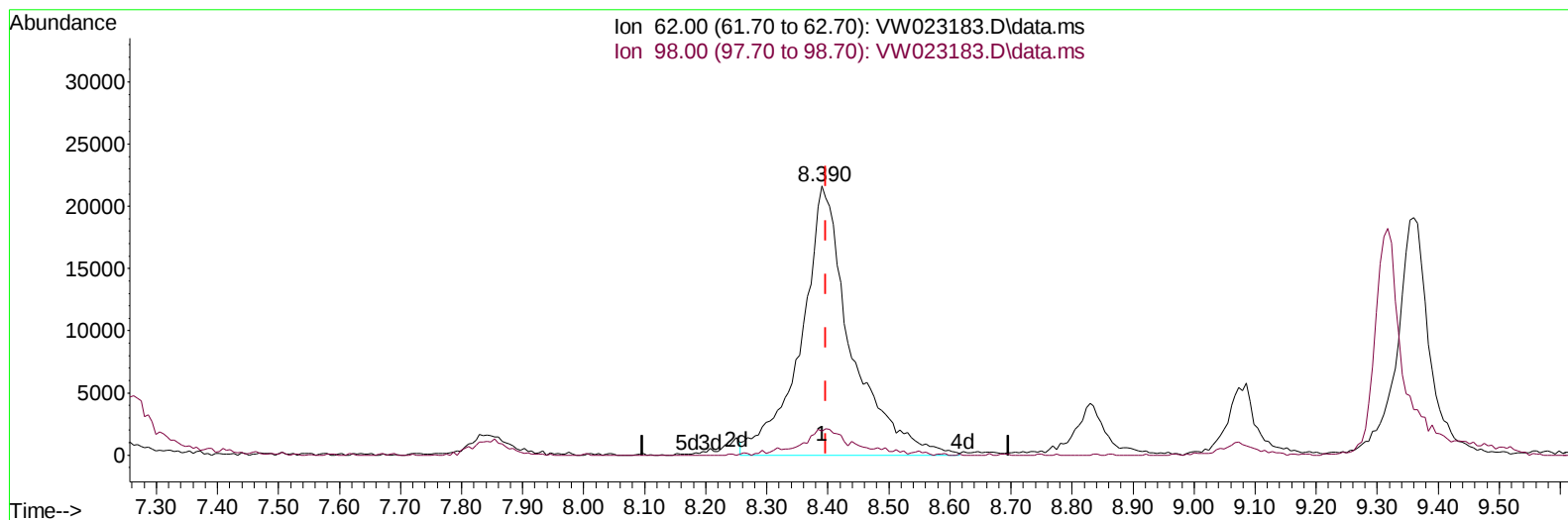
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration



TIC: VW023183.D\data.ms

(27) 1,2-Dichloroethane (T)

8.390min (-0.006) 16.37 ug/L m

response 122576

Ion	Exp%	Act%
62.00	100.00	100.00
98.00	9.00	8.90
0.00	0.00	0.00
0.00	0.00	0.00

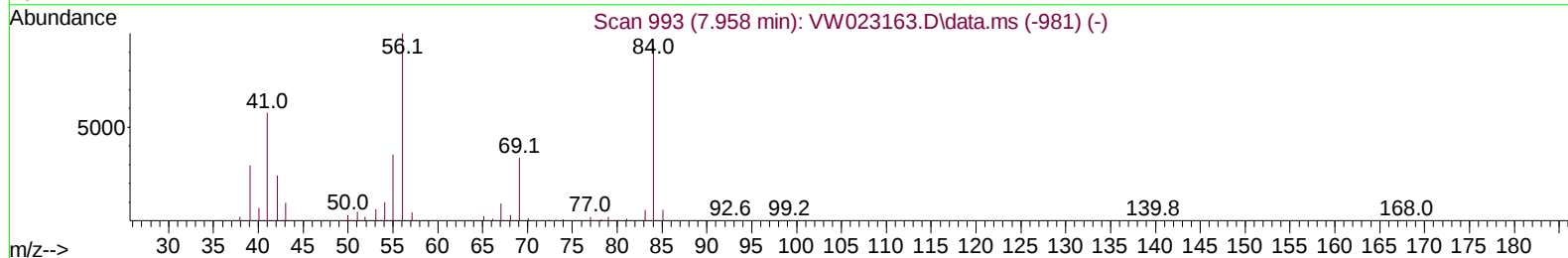
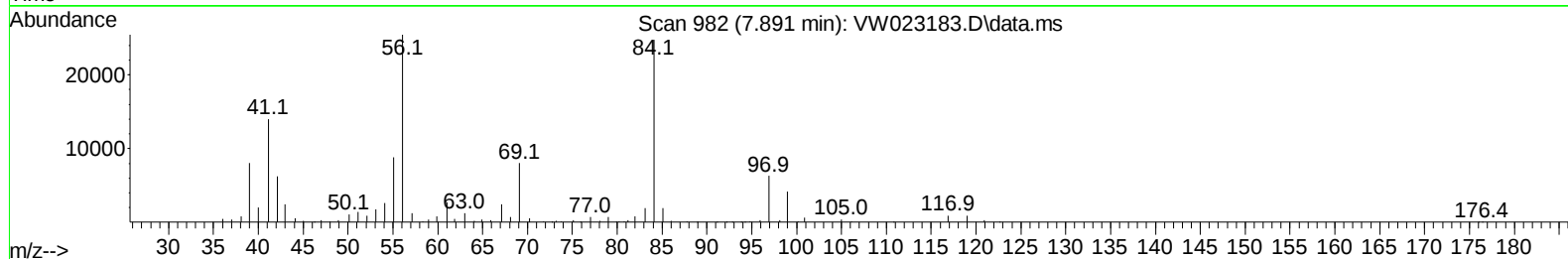
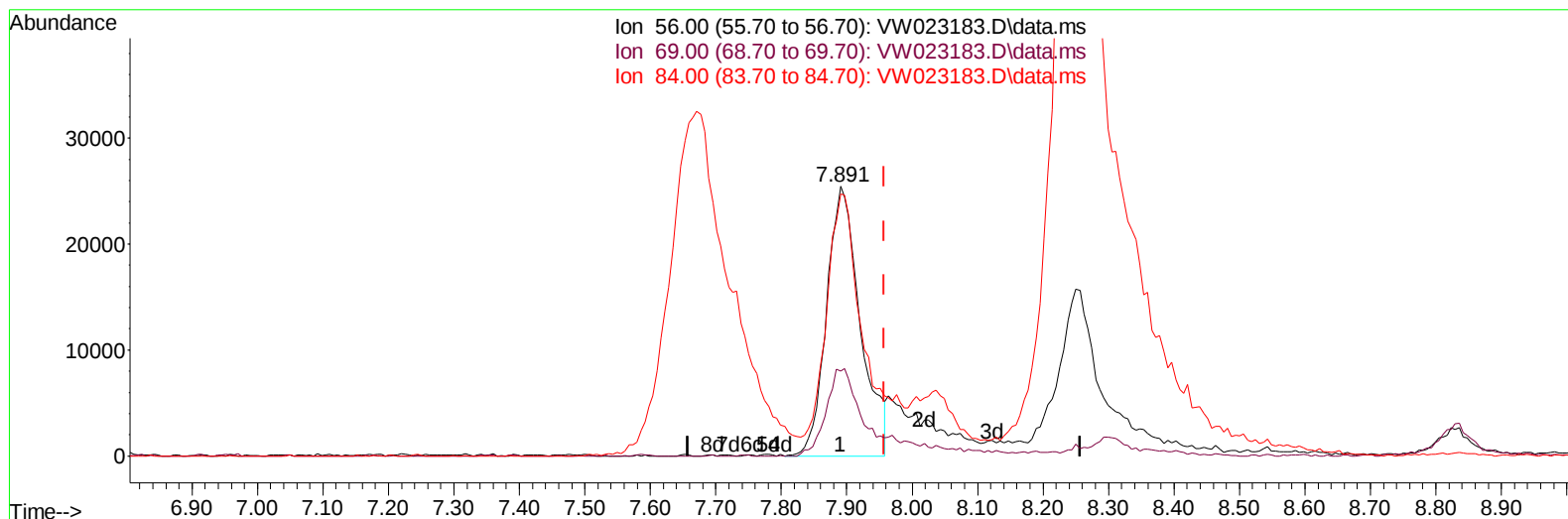
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(29) Cyclohexane (T)

7.891min (-0.067) 14.27 ug/L

response 91025

Ion	Exp%	Act%
56.00	100.00	100.00
69.00	32.00	31.46
84.00	97.80	83.61
0.00	0.00	0.00

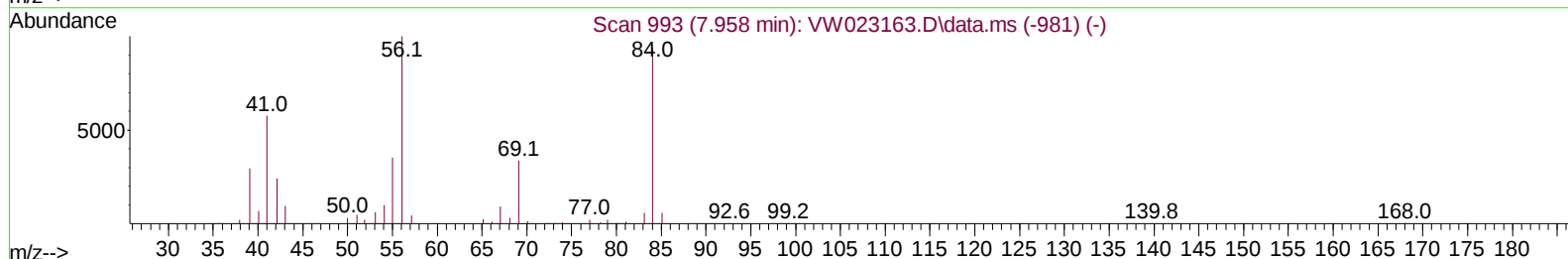
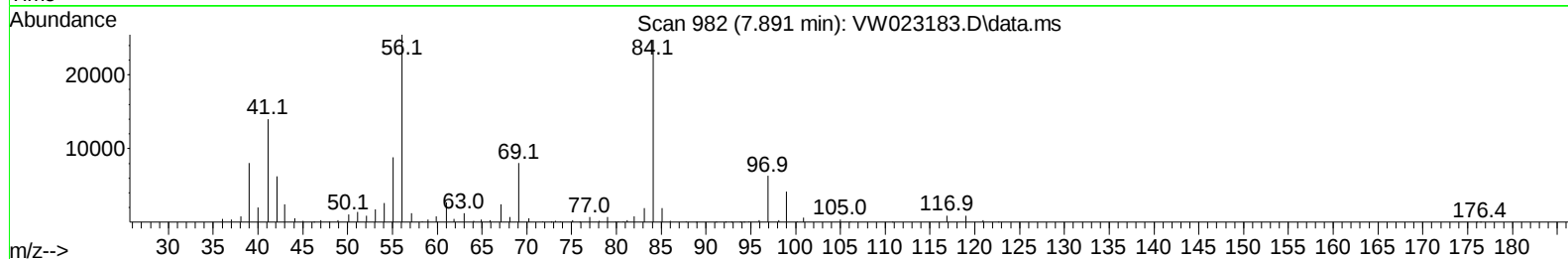
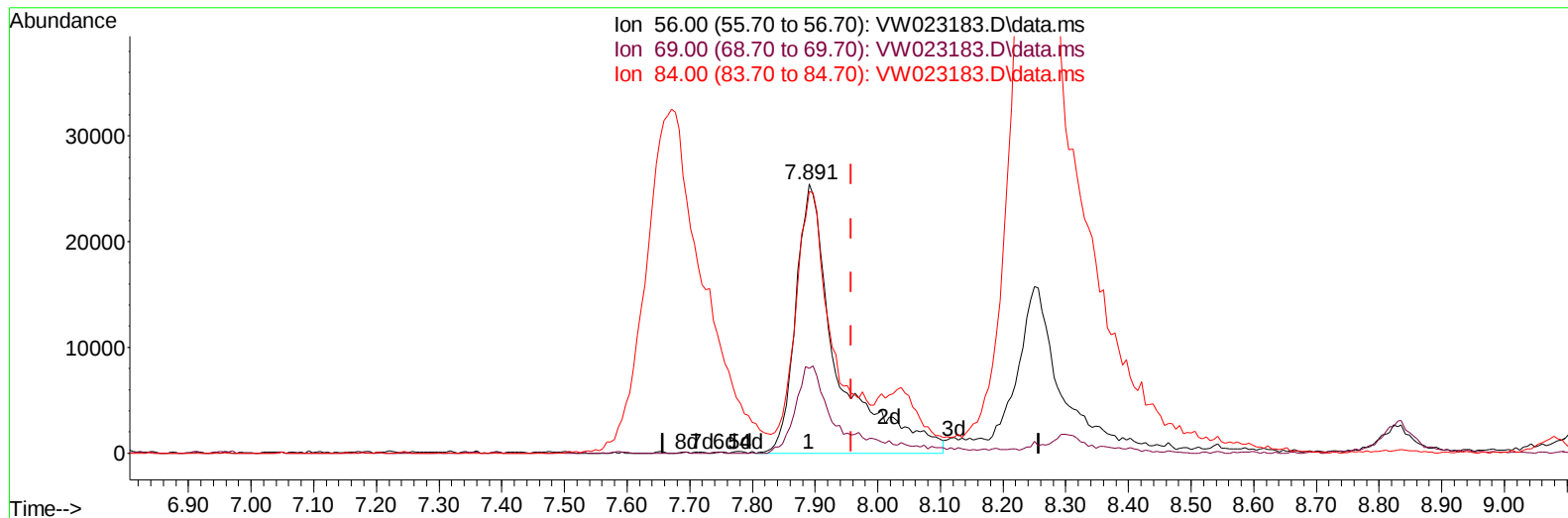
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(29) Cyclohexane (T)

7.891min (-0.067) 18.36 ug/L m

response 117093

Ion	Exp%	Act%
56.00	100.00	100.00
69.00	32.00	24.46#
84.00	97.80	64.99#
0.00	0.00	0.00

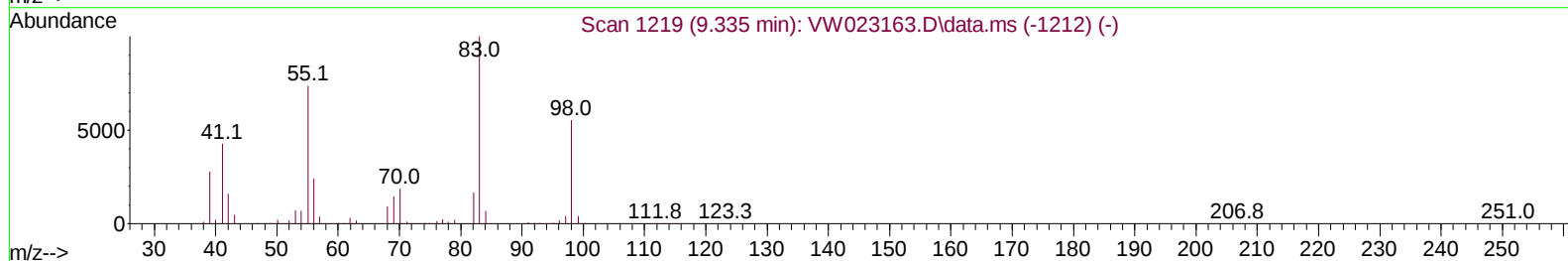
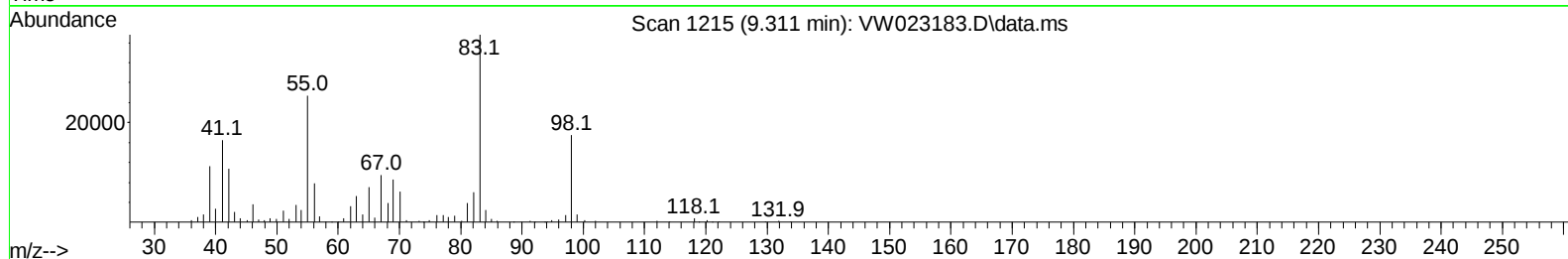
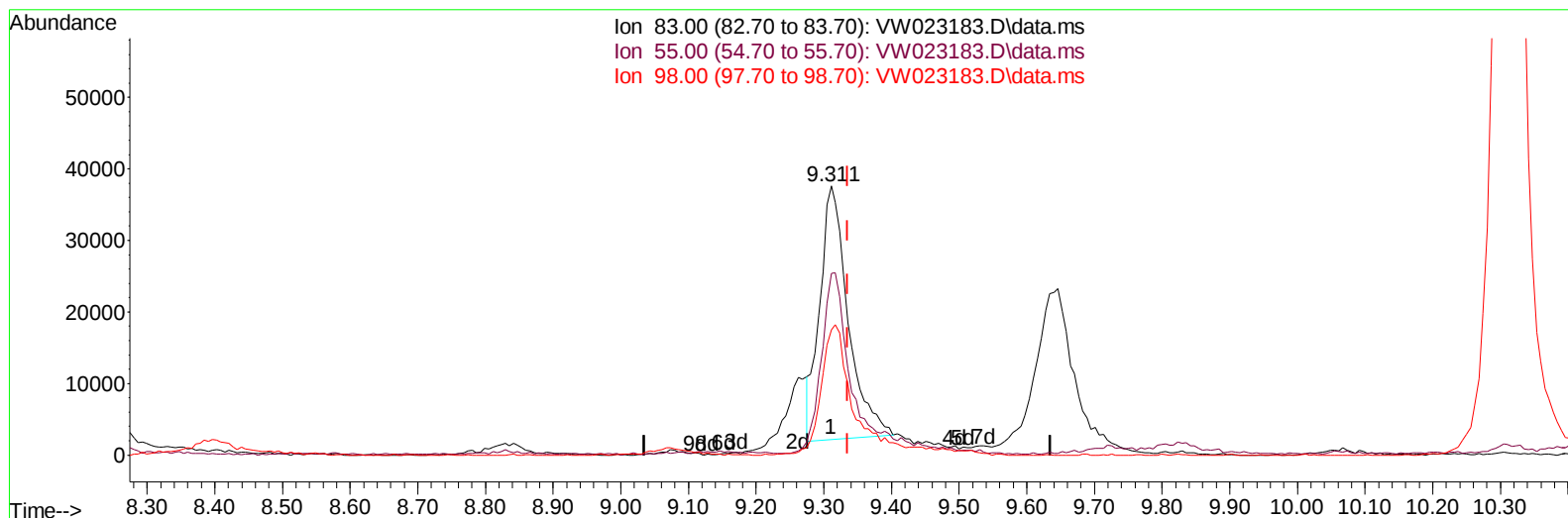
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration



TIC: VW023183.D\data.ms

(35) Methylcyclohexane (T)

9.311min (-0.024) 13.13 ug/L

response 103052

Ion	Exp%	Act%
83.00	100.00	100.00
55.00	68.90	70.79
98.00	50.50	54.44
0.00	0.00	0.00

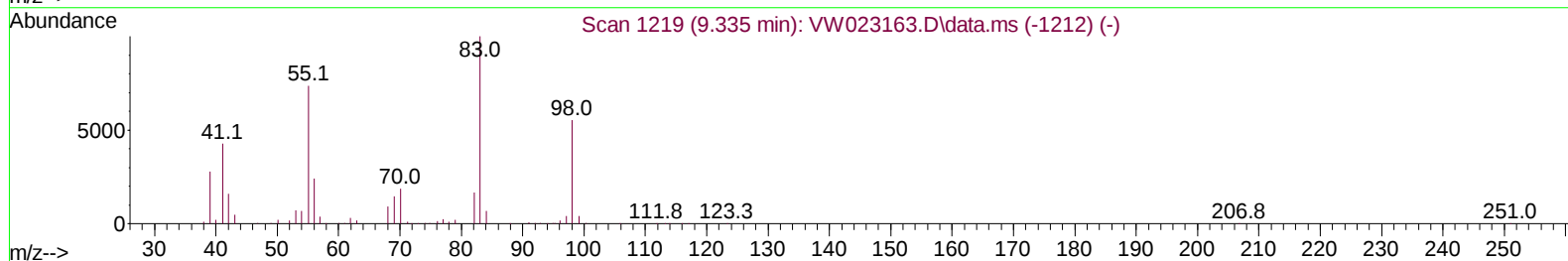
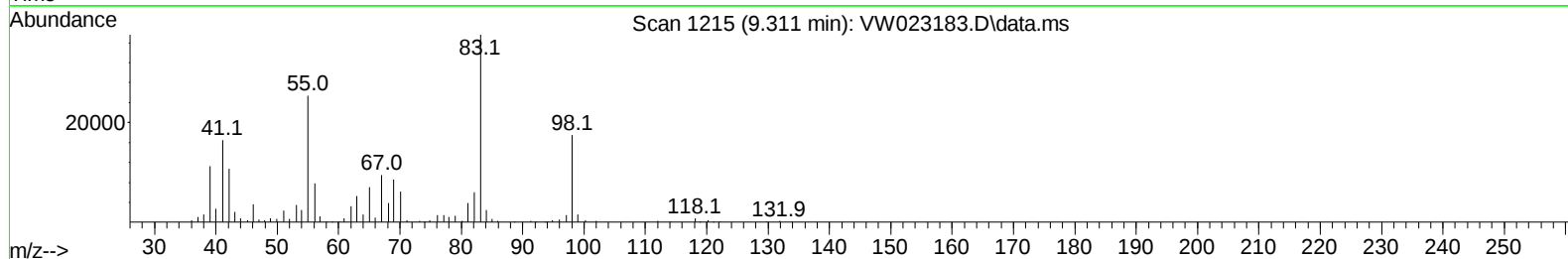
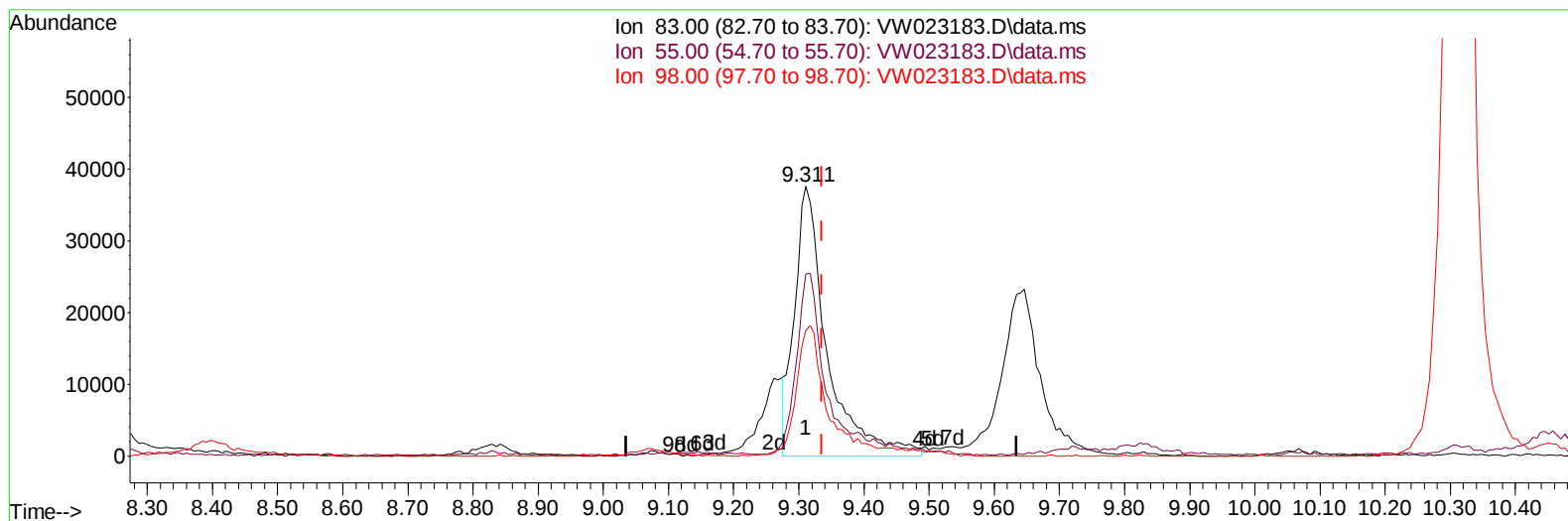
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration



TIC: VW023183.D\data.ms

(35) Methylcyclohexane (T)

9.311min (-0.024) 16.63 ug/L m

response 130526

Ion	Exp%	Act%
83.00	100.00	100.00
55.00	68.90	55.89
98.00	50.50	42.98
0.00	0.00	0.00

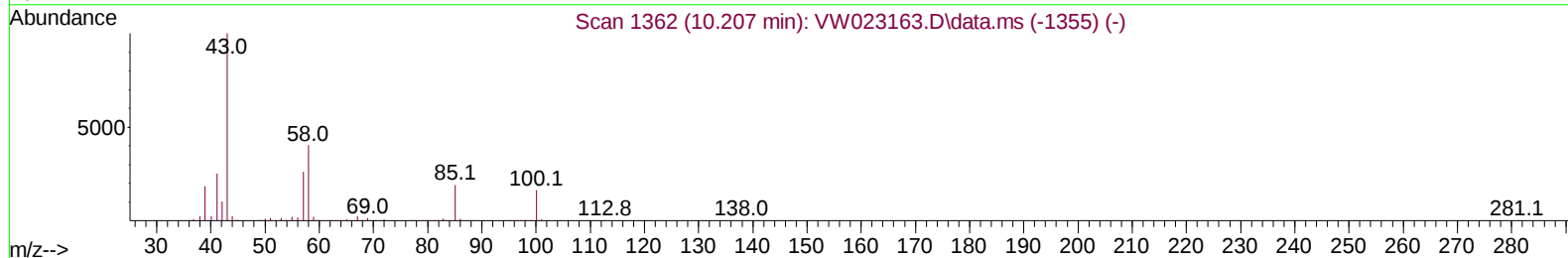
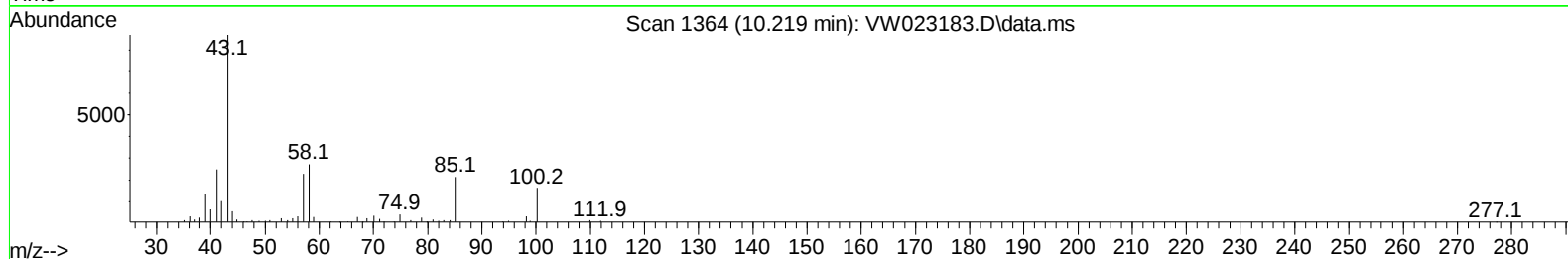
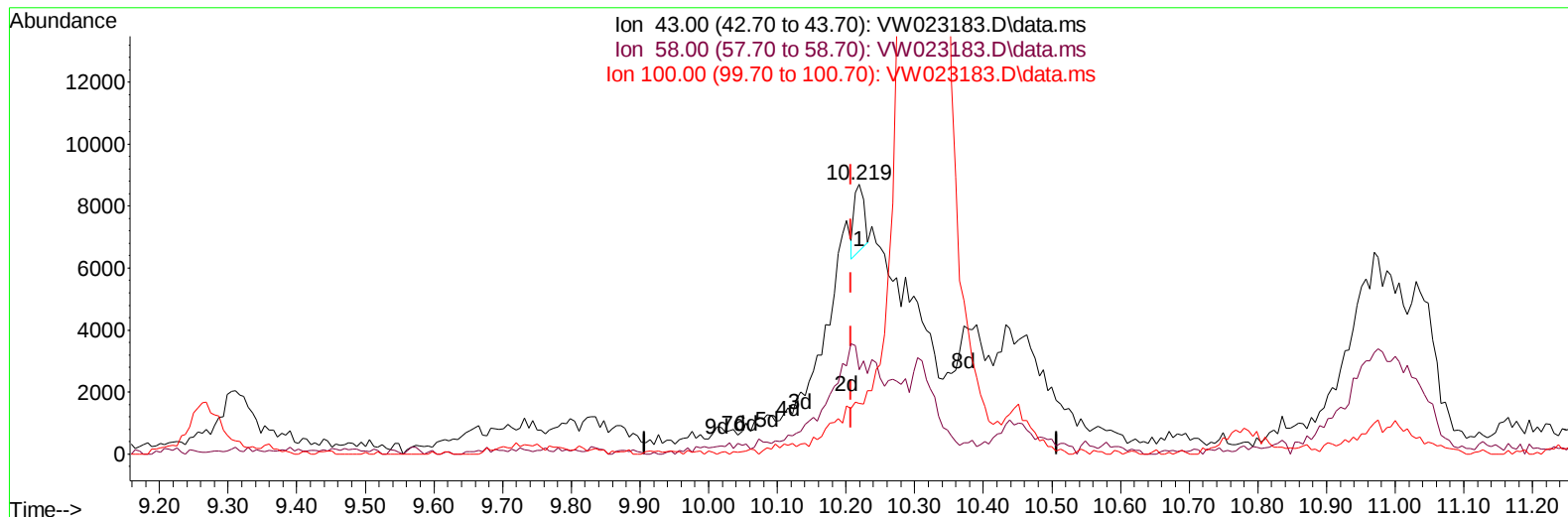
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
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Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

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

10.219min (+ 0.012) 0.82 ug/L

response 2173

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	39.30	298.85#
100.00	17.80	115.78#
0.00	0.00	0.00

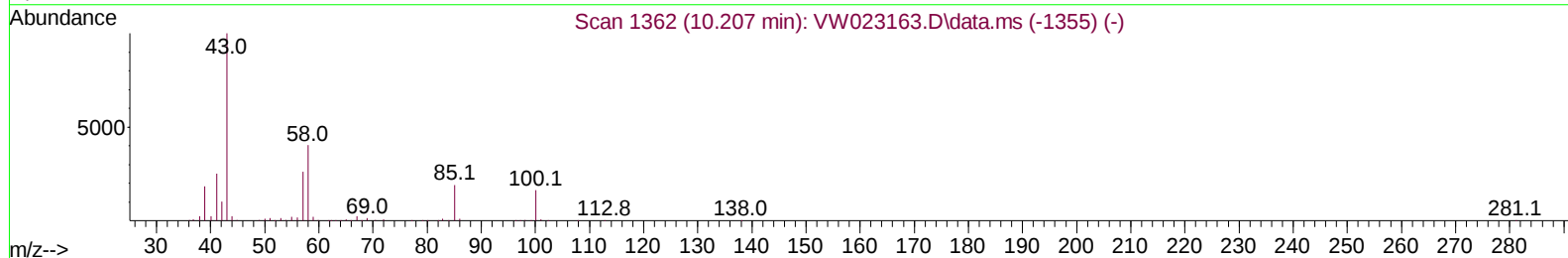
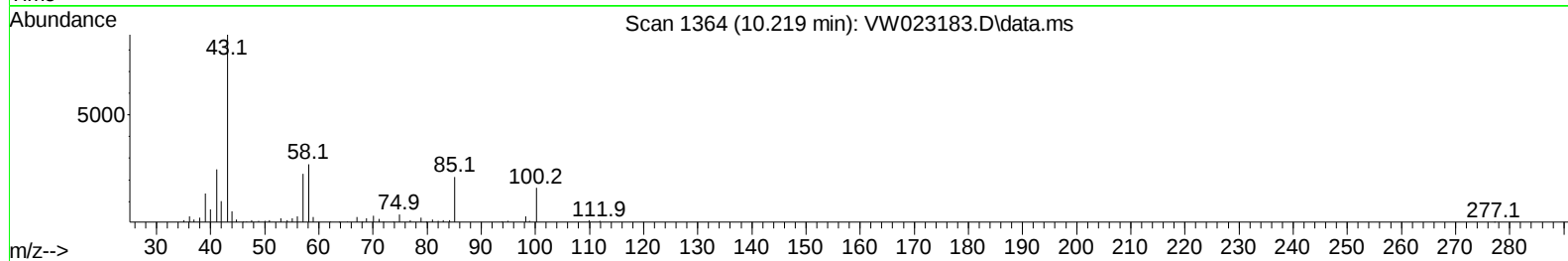
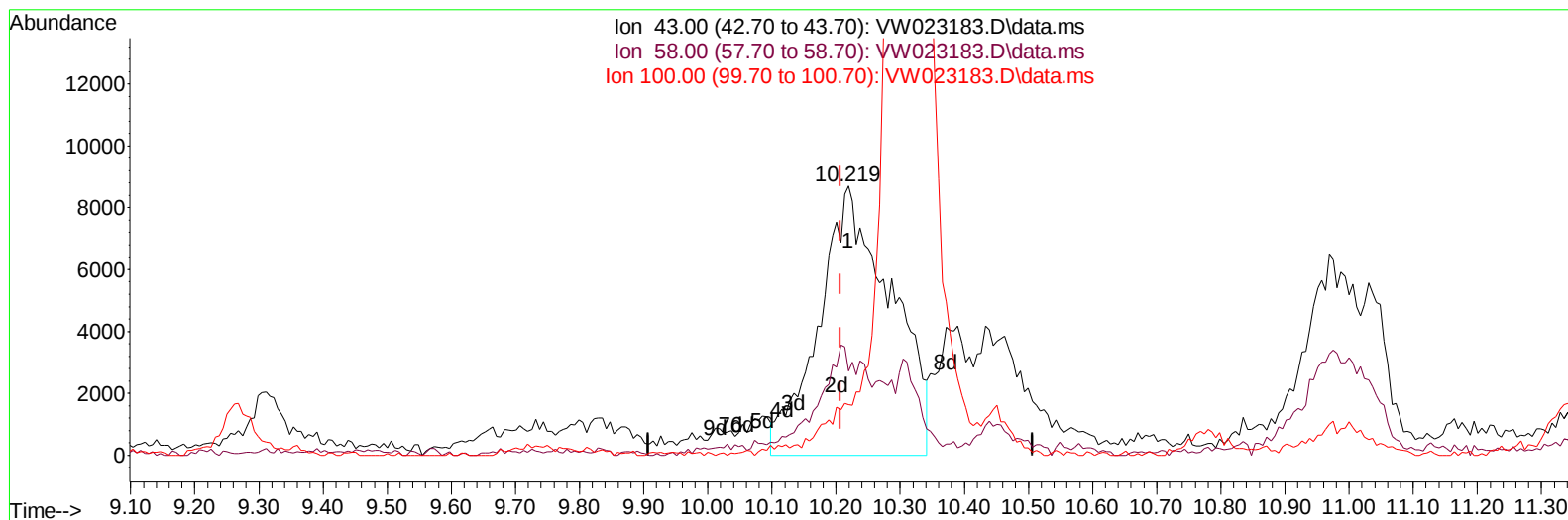
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

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

10.219min (+ 0.012) 25.65 ug/L m

response 67964

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	39.30	9.56#
100.00	17.80	3.70#
0.00	0.00	0.00

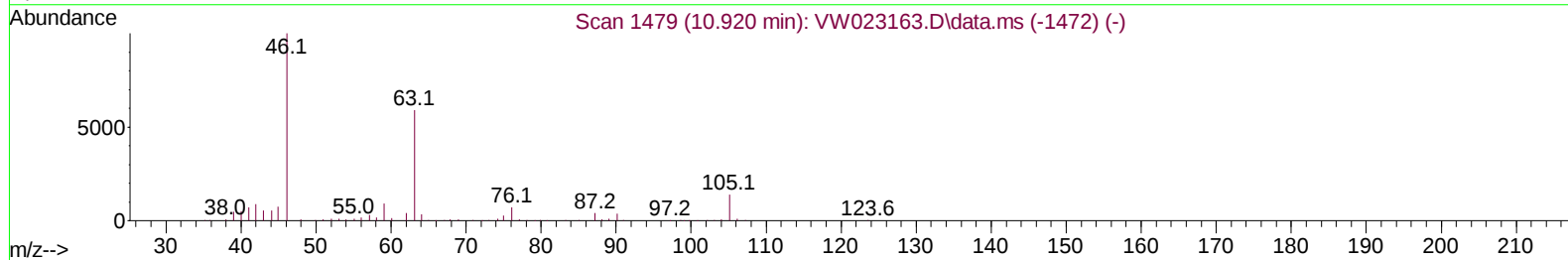
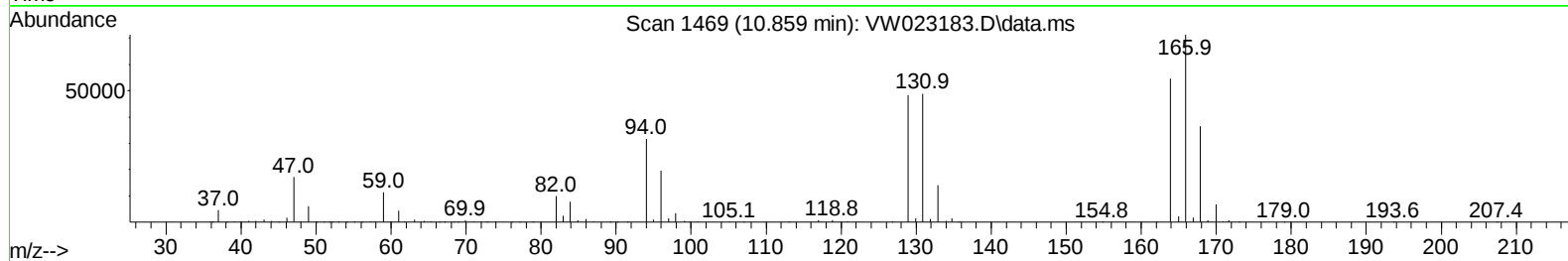
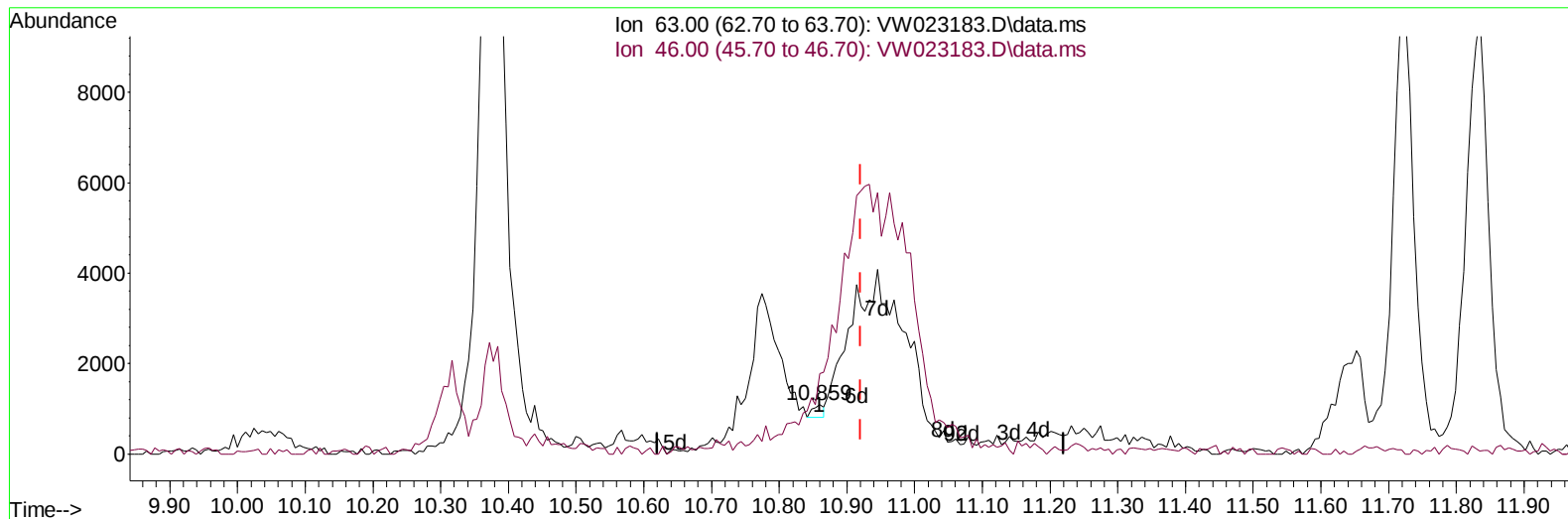
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
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TIC: VW023183.D\data.ms

(47) 2-Hexanone-d5 (S)

10.859min (-0.061) 0.35 ug/L

response 320

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	166.00	208.44
0.00	0.00	0.00
0.00	0.00	0.00

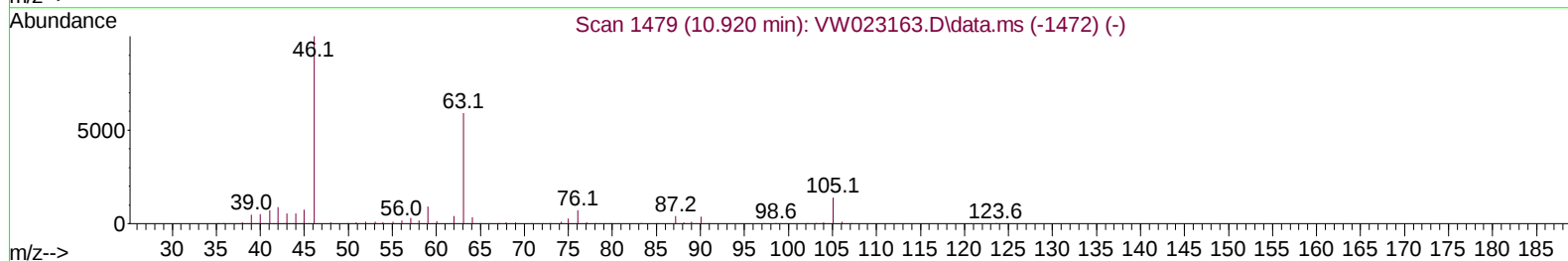
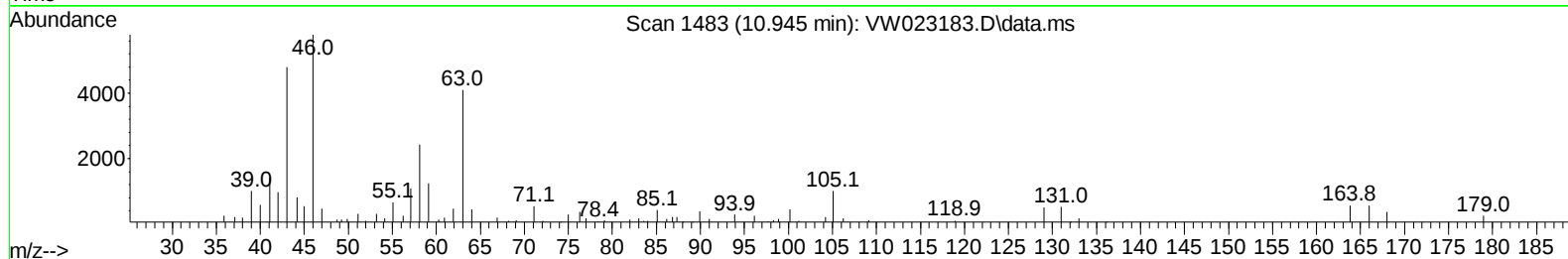
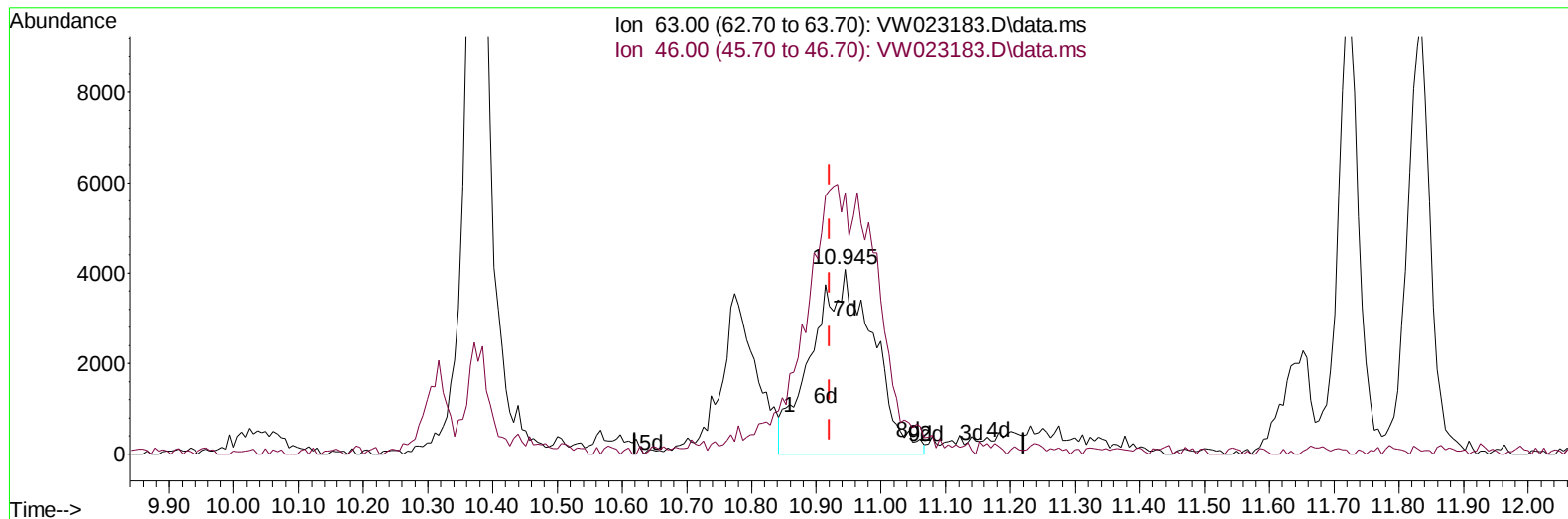
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration

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TIC: VW023183.D\data.ms

(47) 2-Hexanone-d5 (S)

10.945min (+ 0.024) 29.36 ug/L m

response 26759

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	166.00	2.49#
0.00	0.00	0.00
0.00	0.00	0.00

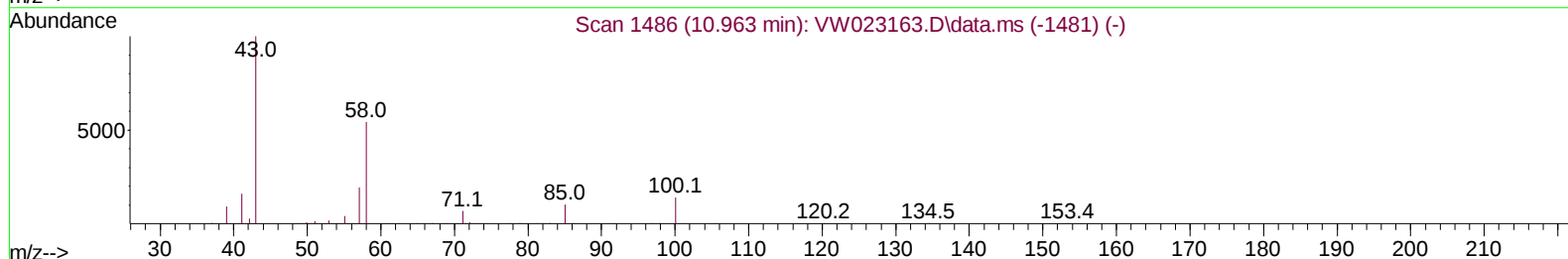
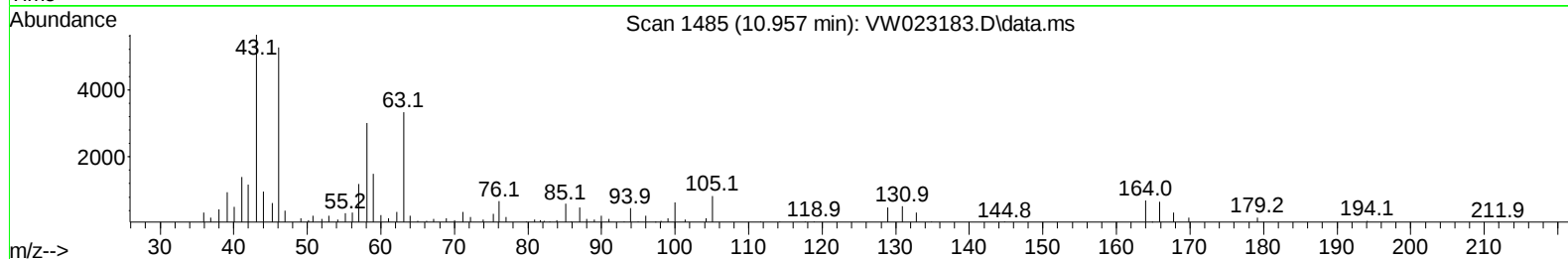
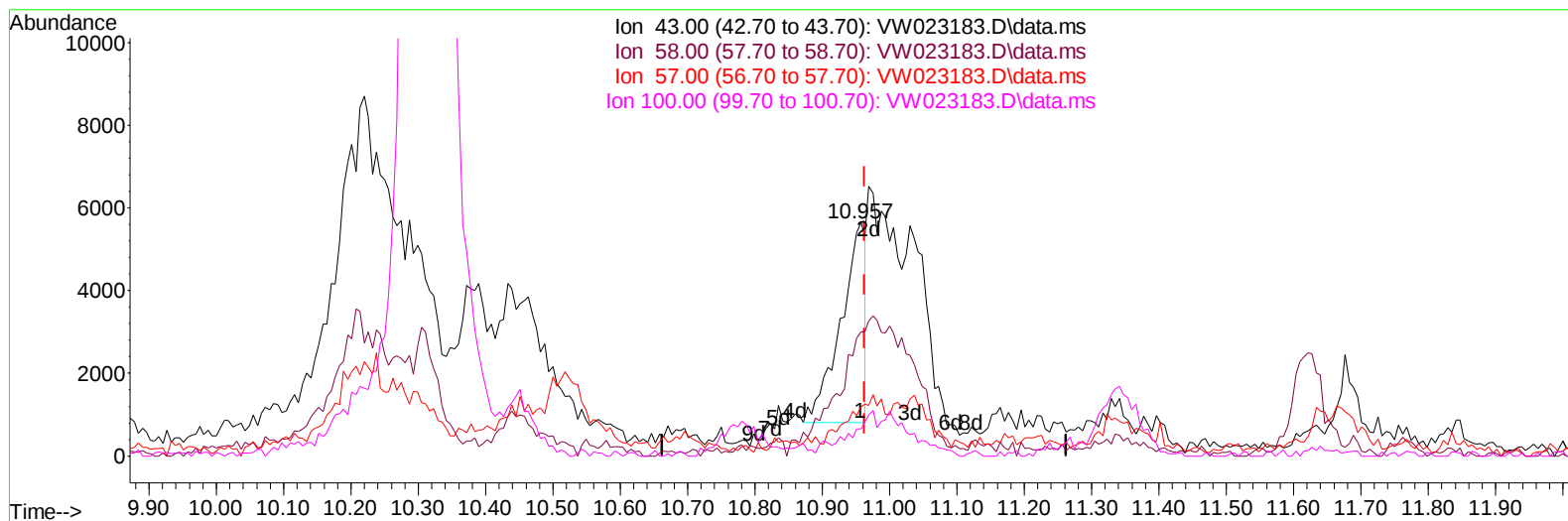
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
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Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



TIC: VW023183.D\data.ms

(48) 2-Hexanone (T)

10.957min (-0.006) 6.95 ug/L

response 12309

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	57.40	0.00#
57.00	20.20	18.47
100.00	13.40	0.00#

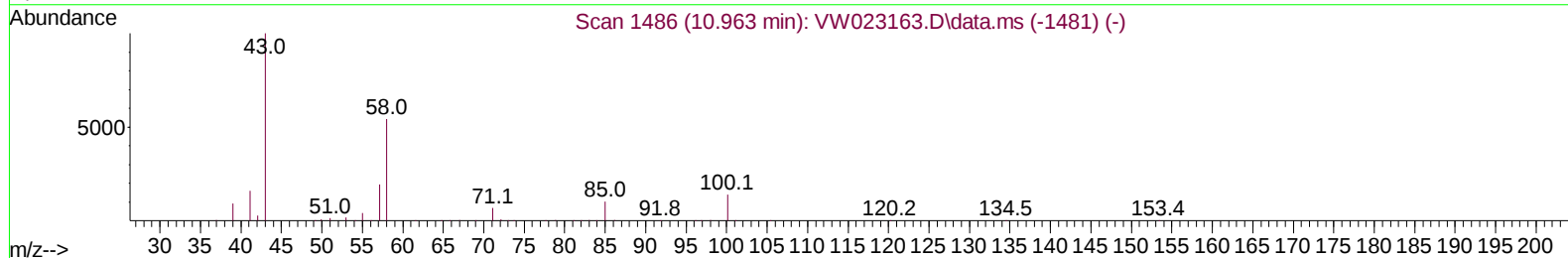
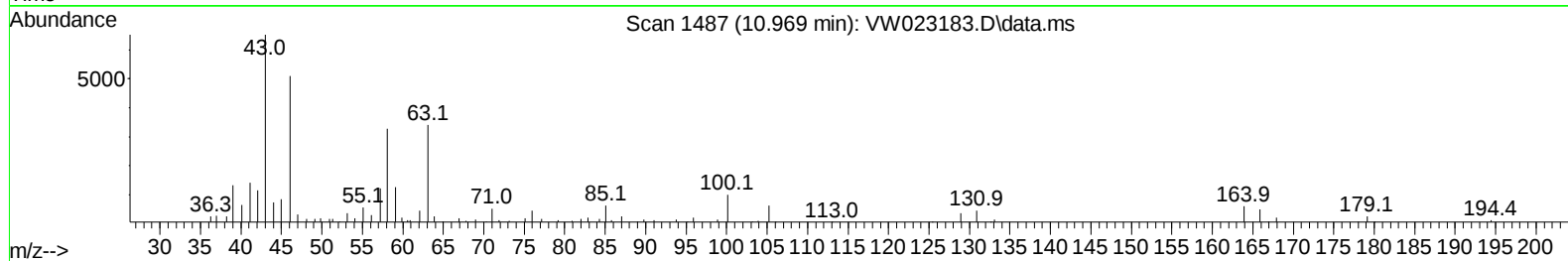
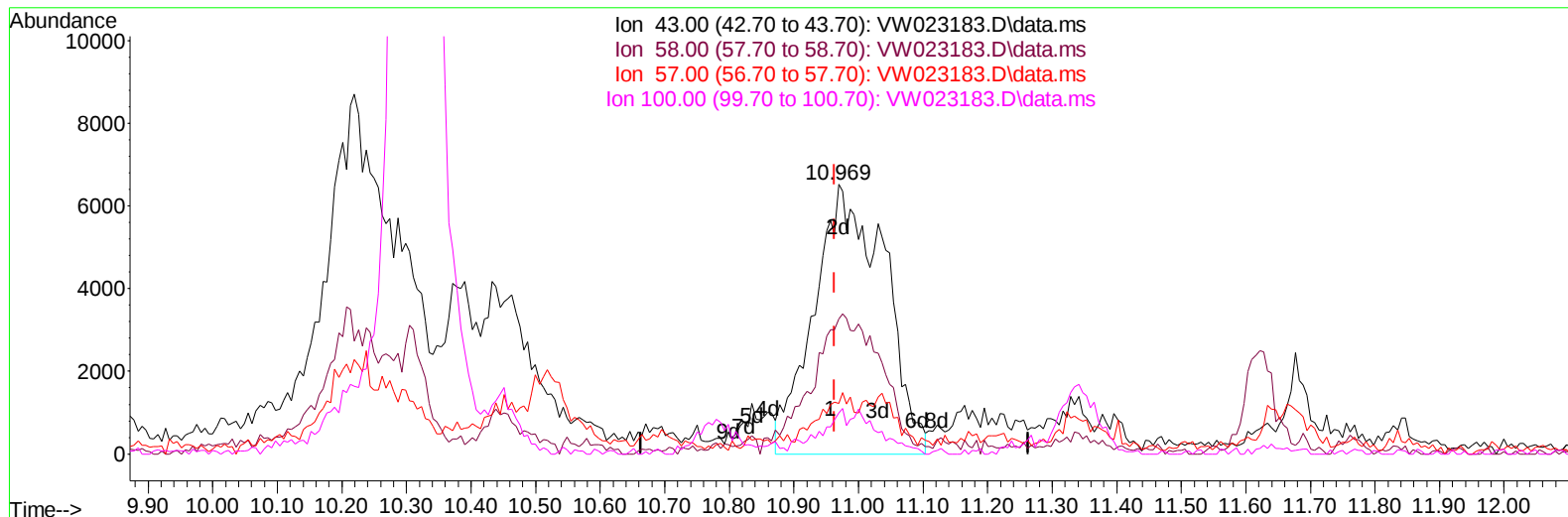
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration



TIC: VW023183.D\data.ms

(48) 2-Hexanone (T)

10.969min (+ 0.006) 27.93 ug/L m

response 49457

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	57.40	0.00#
57.00	20.20	4.60#
100.00	13.40	0.00#

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
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Reviewed By :John Carlone 06/07/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.829	114	415972	25.000	ug/L	-0.01
28) Chlorobenzene-d5	11.622	117	294912	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	101525	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	120171	14.081	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.320%
7) Chloroethane-d5	2.782	69	43855	7.899	ug/L	-0.10
Spiked Amount	25.000	Range	30 - 150	Recovery	=	31.600%
11) 1,1-Dichloroethene-d2	3.696	63	142869m	12.956	ug/L	-0.32
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.840%
21) 2-Butanone-d5	7.183	46	41675m	25.683	ug/L	0.11
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.360%
24) Chloroform-d	7.671	84	208832m	17.136	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.560%
26) 1,2-Dichloroethane-d4	8.299	65	131922m	19.737	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.960%
32) Benzene-d6	8.250	84	486171	28.601	ug/L	-0.02
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.400%
36) 1,2-Dichloropropane-d6	9.262	67	146731	30.729	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.920%#
41) Toluene-d8	10.311	98	491979	29.961	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 130	Recovery	=	119.840%
43) trans-1,3-Dichloroprop...	10.567	79	36689	16.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.760%
47) 2-Hexanone-d5	10.945	63	26759m	29.356	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.720%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	46080	10.354	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	41.400%#
66) 1,2-Dichlorobenzene-d4	13.853	152	72405	20.402	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.600%
Target Compounds						
2) Dichlorodifluoromethane	1.989	85	82874	36.547	ug/L	96
3) Chloromethane	2.215	50	148965	33.996	ug/L	100
5) Vinyl chloride	2.355	62	117586	13.371	ug/L	99
6) Bromomethane	2.696	94	67460m	11.948	ug/L	
8) Chloroethane	2.806	64	29903m	7.050	ug/L	
9) Trichlorofluoromethane	3.062	101	4774m	1.188	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	3.714	101	26853m	4.468	ug/L	
12) 1,1-Dichloroethene	3.708	96	31439m	5.901	ug/L	
14) Carbon disulfide	3.964	76	41195m	2.820	ug/L	
15) Methyl Acetate	4.806	43	184893m	75.756	ug/L	
16) Methylene chloride	4.531	84	33494m	5.503	ug/L	
17) trans-1,2-Dichloroethene	4.995	96	120199m	20.048	ug/L	
18) Methyl tert-butyl Ether	5.495	73	61240m	6.691	ug/L	
19) 1,1-Dichloroethane	6.055	63	116188m	11.434	ug/L	
20) cis-1,2-Dichloroethene	7.141	96	112203m	17.424	ug/L	
22) 2-Butanone	7.269	43	46506m	27.373	ug/L	
23) Bromochloromethane	7.494	128	48716m	16.153	ug/L	
25) Chloroform	7.695	83	168358	14.984	ug/L	96
27) 1,2-Dichloroethane	8.390	62	122576m	16.366	ug/L	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023183.D
 Acq On : 19 May 2022 19:21
 Operator : SY/VA
 Sample : N2929-03MSD
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: May 20 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.891	56	117093m	18.359	ug/L	
30) 1,1,1-Trichloroethane	7.848	97	94165	13.511	ug/L #	85
31) Carbon tetrachloride	8.037	117	81350	12.478	ug/L	96
33) Benzene	8.305	78	443045	25.501	ug/L	100
34) Trichloroethene	9.079	95	119426	24.995	ug/L	88
35) Methylcyclohexane	9.311	83	130526m	16.629	ug/L	
37) 1,2-Dichloropropane	9.360	63	91436	21.748	ug/L #	95
38) Bromodichloromethane	9.646	83	93845	15.715	ug/L	94
39) cis-1,3-Dichloropropene	10.067	75	114249	17.525	ug/L	99
40) 4-Methyl-2-pentanone	10.219	43	67964m	25.647	ug/L	
42) Toluene	10.378	91	499373	25.648	ug/L	95
44) trans-1,3-Dichloropropene	10.597	75	79232	13.617	ug/L	100
45) 1,1,2-Trichloroethane	10.780	97	63208	17.984	ug/L	97
46) Tetrachloroethene	10.853	164	136514	38.020	ug/L	90
48) 2-Hexanone	10.969	43	49457m	27.933	ug/L	
49) Dibromochloromethane	11.122	129	48411	11.444	ug/L	100
50) 1,2-Dibromoethane	11.231	107	56537	16.020	ug/L	89
51) Chlorobenzene	11.646	112	258014	20.101	ug/L	95
52) Ethylbenzene	11.725	91	496635	22.928	ug/L	100
53) m,p-Xylene	11.835	106	194774	22.821	ug/L	97
54) o-Xylene	12.158	106	169130	20.650	ug/L	92
55) Styrene	12.176	104	239067	17.178	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.719	83	36892	8.404	ug/L	98
59) Bromoform	12.347	173	17221	11.969	ug/L #	75
60) Isopropylbenzene	12.457	105	513204	36.899	ug/L #	88
61) 1,2,3-Trichloropropane	12.774	75	36594	18.039	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	229366	29.642	ug/L	97
63) 1,2,4-Trimethylbenzene	13.243	105	320615	27.595	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	142179	22.896	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	126253	19.684	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	92804	16.332	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	4048	9.131	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.621	180	71231	17.281	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	36722	11.075	ug/L	98
71) Naphthalene	15.359	128	52215	7.245	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	22711	7.728	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023183.D
Acq On : 19 May 2022 19:21
Operator : SY/VA
Sample : N2929-03MSD
Misc : 6.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

Quant Time: May 20 01:54:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration

