

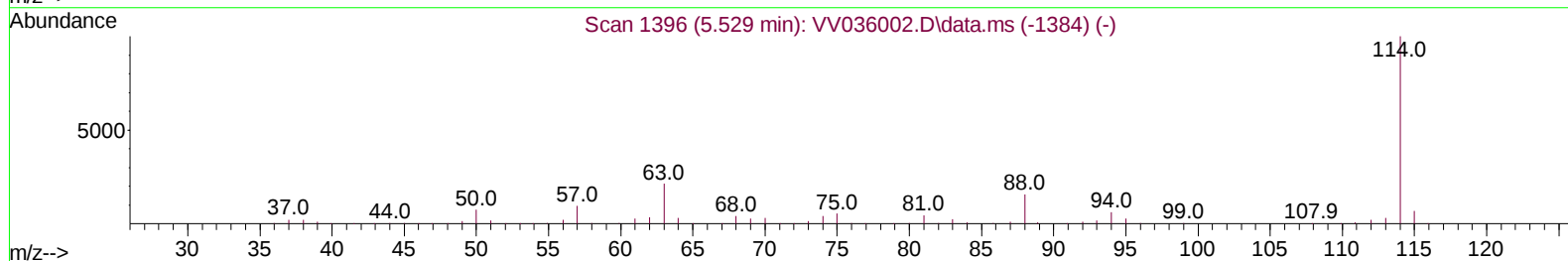
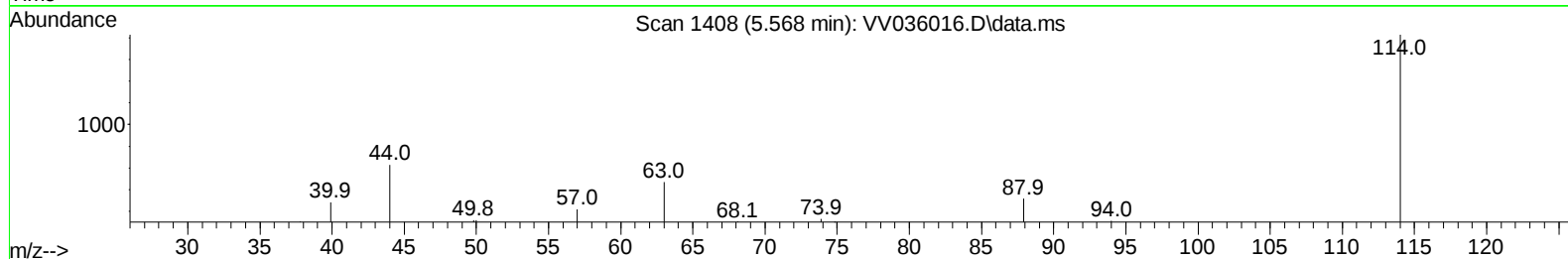
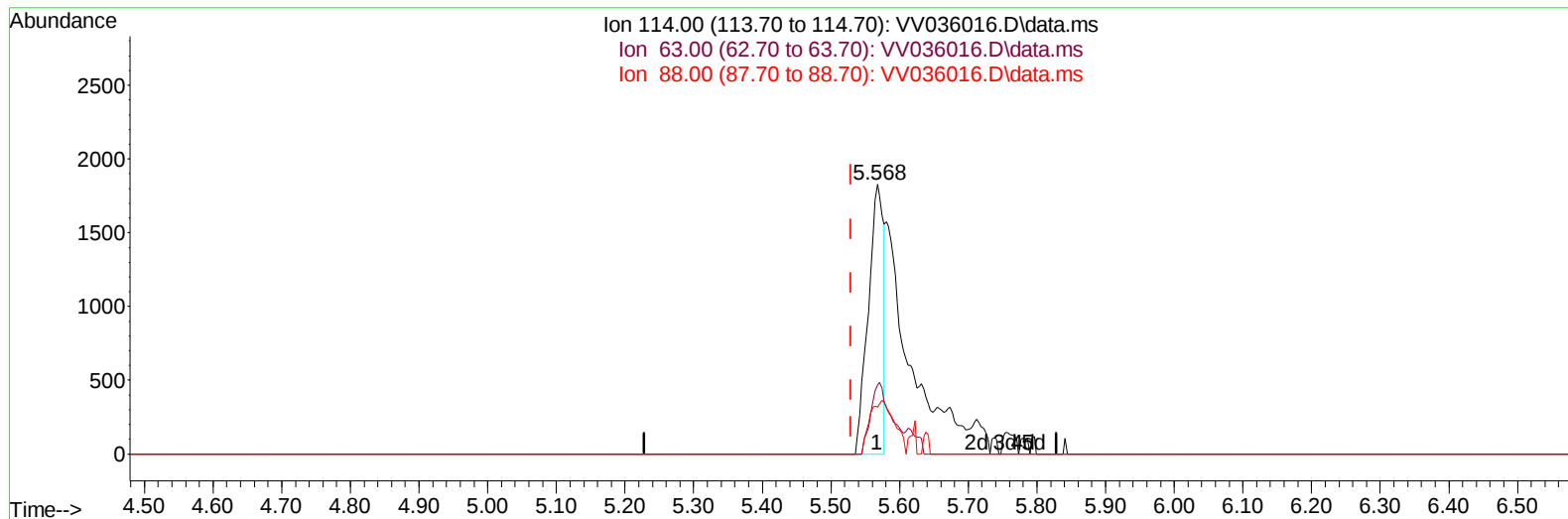
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
Data File : VV036016.D
Acq On : 07 Jun 2024 17:32
Operator : SY/MD
Sample : P2754-23
Misc : 4.15g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CY2

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024

Quant Time: Jun 08 00:34:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 08 00:30:25 2024
Response via : Initial Calibration



TIC: VV036016.D\data.ms

(1) 1,4-Difluorobenzene (I)

5.568min (+ 0.039) 25.00 ug/L

response 2794

Ion	Exp%	Act%
114.00	100.00	100.00
63.00	20.50	35.97#
88.00	15.80	11.74#
0.00	0.00	0.00

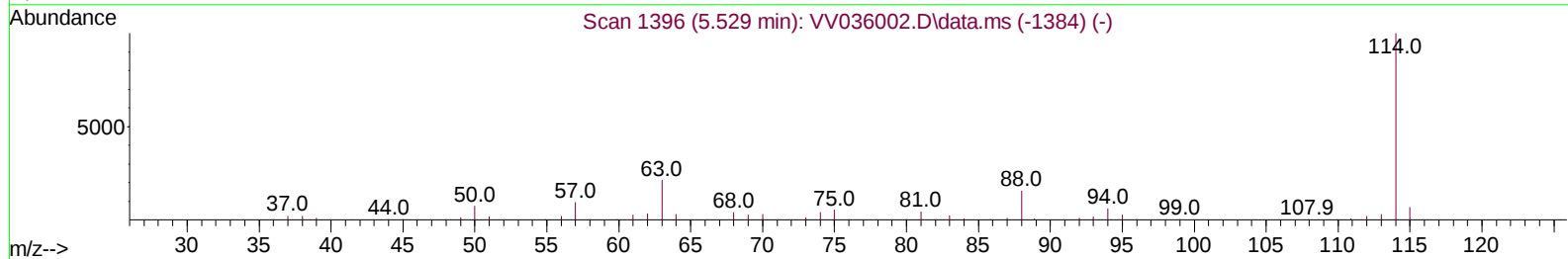
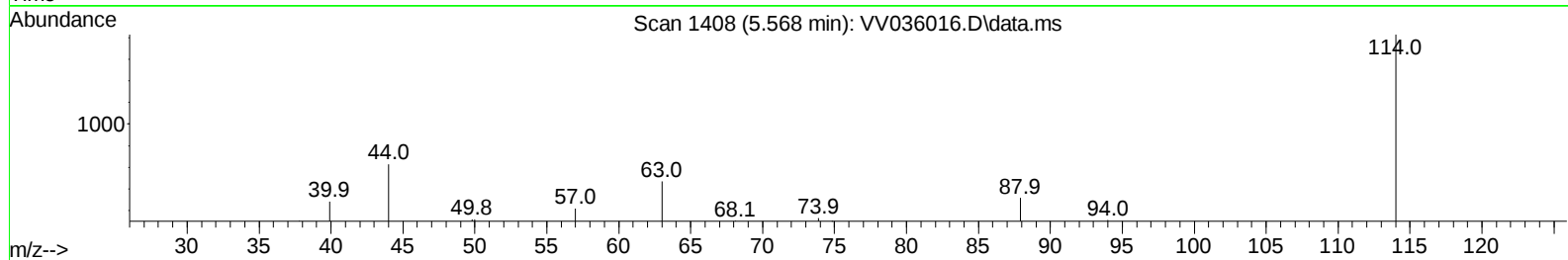
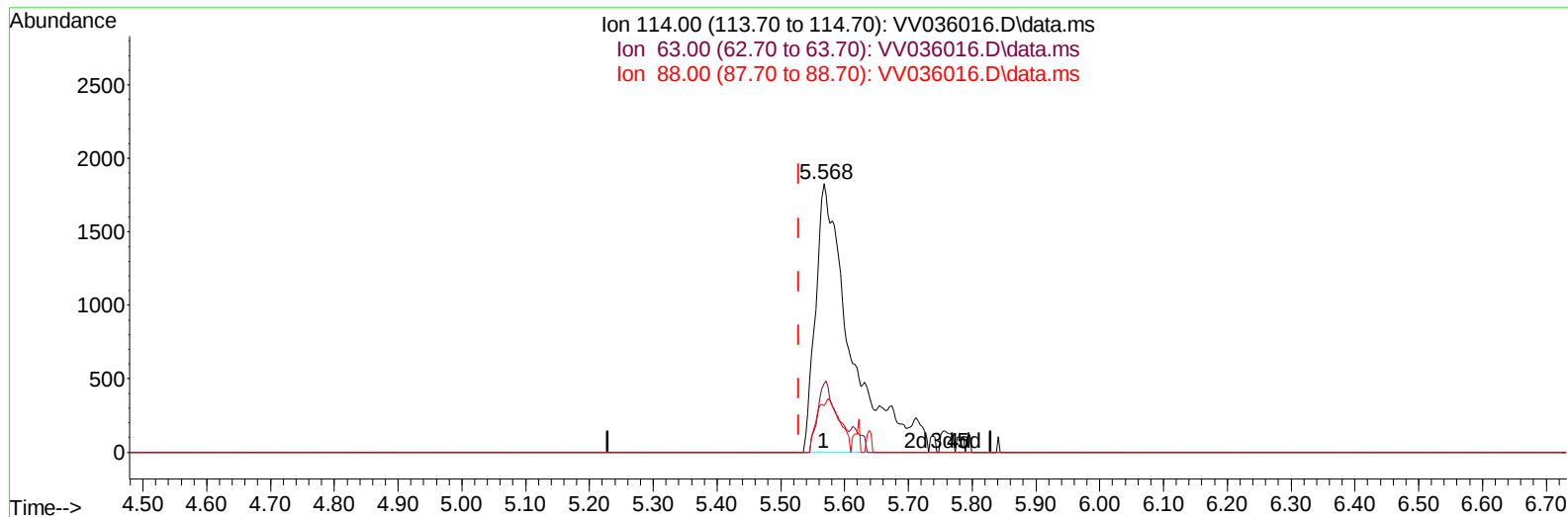
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
Data File : VV036016.D
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Operator : SY/MD
Sample : P2754-23
Misc : 4.15g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CY2

Manual IntegrationsAPPROVED

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Quant Title : VOC Analysis
QLast Update : Sat Jun 08 00:30:25 2024
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Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024



TIC: VV036016.D\data.ms

(1) 1,4-Difluorobenzene (I)

5.568min (+ 0.039) 25.00 ug/L m

response 7062

Ion	Exp%	Act%
114.00	100.00	100.00
63.00	20.50	14.23#
88.00	15.80	4.64#
0.00	0.00	0.00

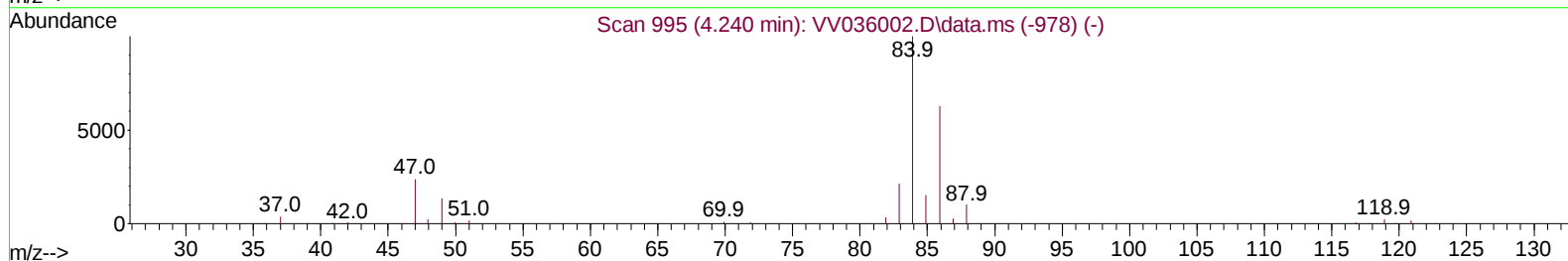
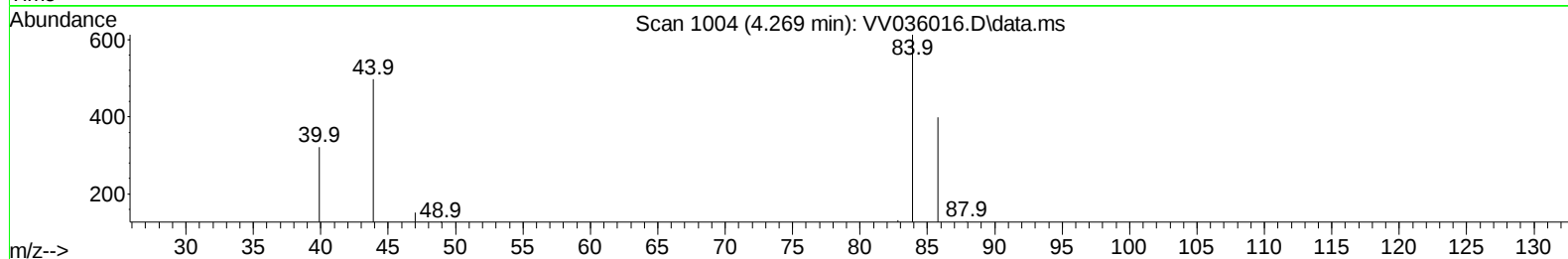
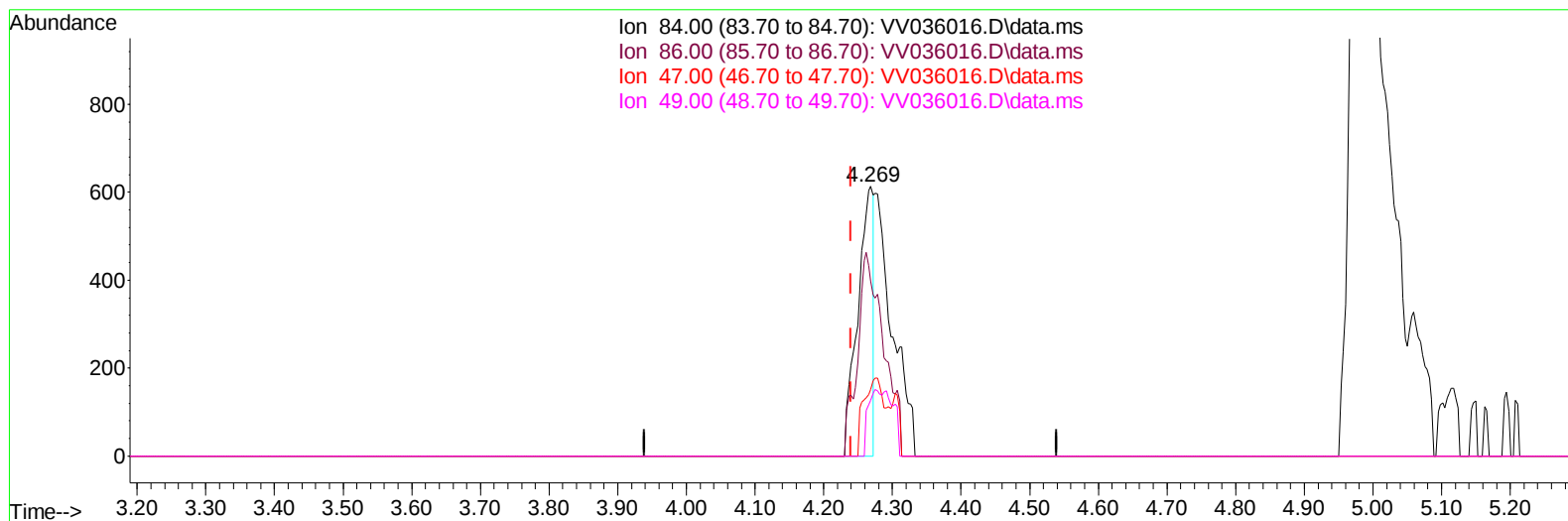
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
Data File : VV036016.D
Acq On : 07 Jun 2024 17:32
Operator : SY/MD
Sample : P2754-23
Misc : 4.15g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CY2

Manual IntegrationsAPPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 08 00:30:25 2024
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Supervised By :Semsettin Yesilyurt 06/11/2024



TIC: VV036016.D\data.ms

(24) Chloroform-d (S)

4.269min (+ 0.029) 4.29 ug/L

response 963

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	62.70	46.52
47.00	44.00	36.55
49.00	25.60	21.39

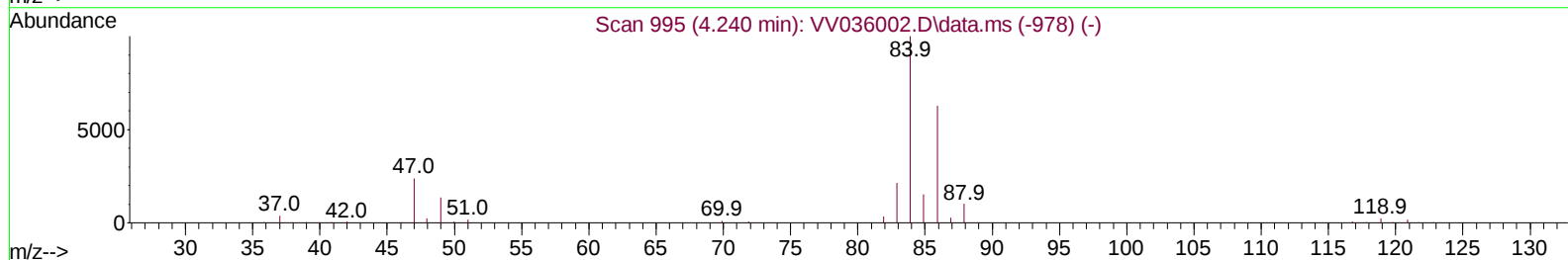
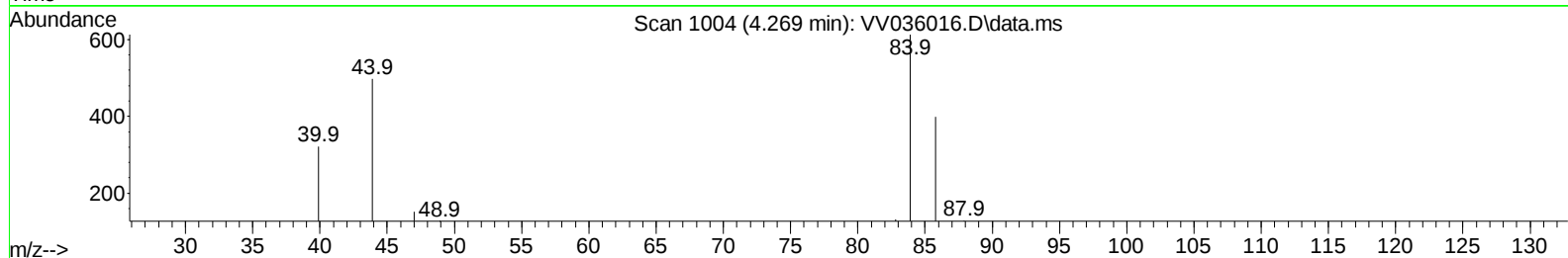
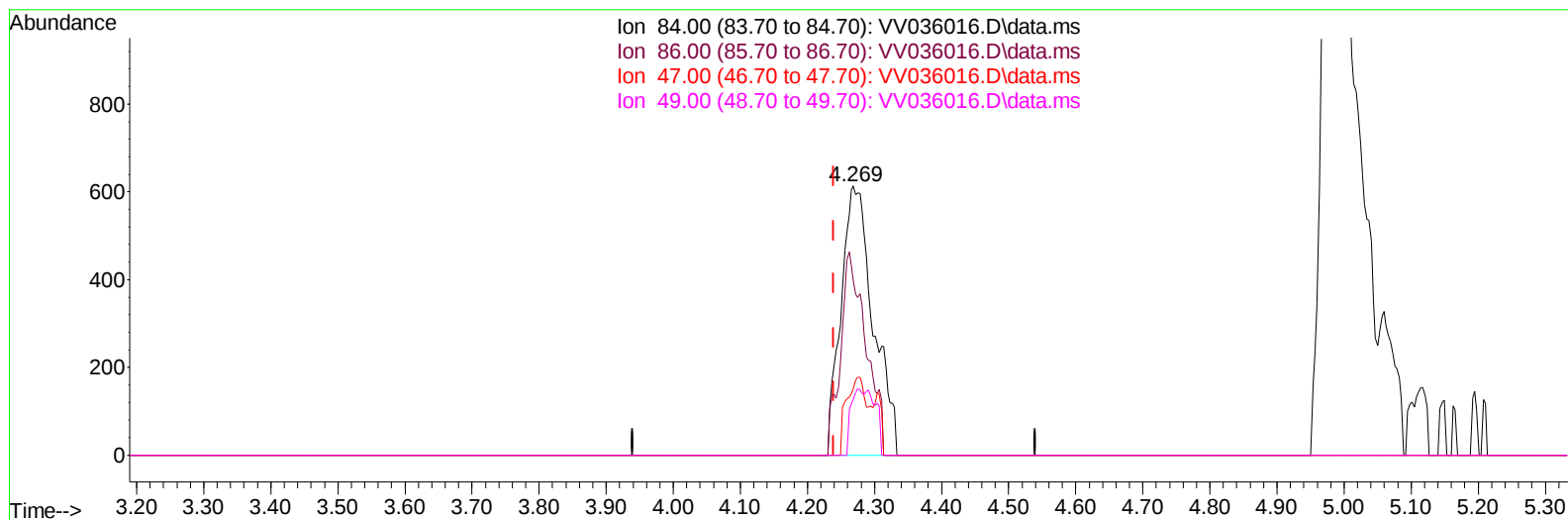
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
Data File : VV036016.D
Acq On : 07 Jun 2024 17:32
Operator : SY/MD
Sample : P2754-23
Misc : 4.15g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CY2

Manual IntegrationsAPPROVED

Quant Time: Jun 08 00:34:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
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Supervised By :Semsettin Yesilyurt 06/11/2024



TIC: VV036016.D\data.ms

(24) Chloroform-d (S)

4.269min (+ 0.029) 9.10 ug/L m

response 2044

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	62.70	21.92#
47.00	44.00	17.22#
49.00	25.60	10.08#

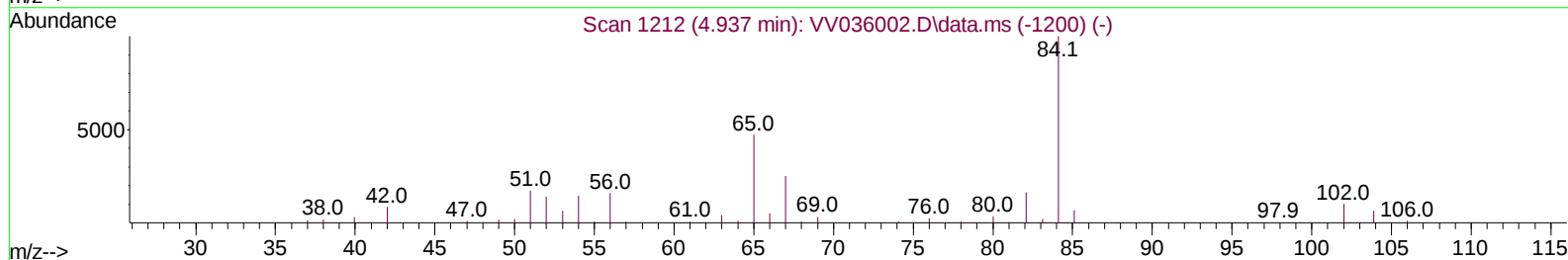
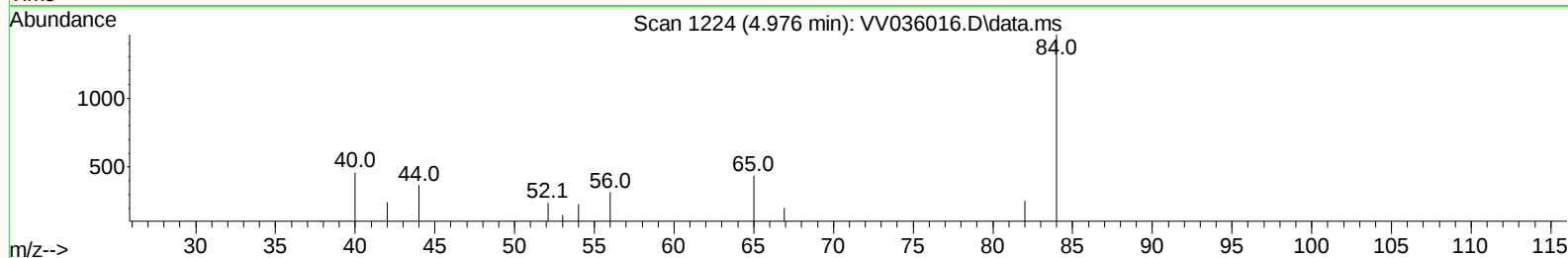
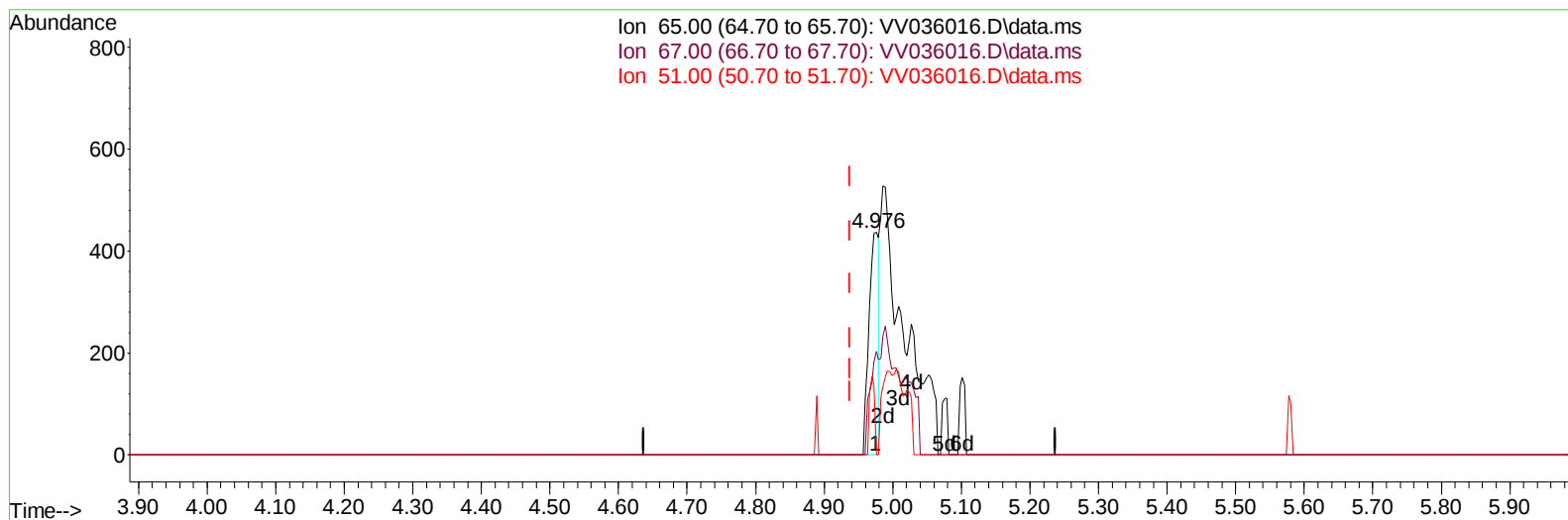
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
Data File : VV036016.D
Acq On : 07 Jun 2024 17:32
Operator : SY/MD
Sample : P2754-23
Misc : 4.15g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CY2

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024

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TIC: VV036016.D\data.ms

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

4.976min (+ 0.039) 3.71 ug/L

response 437

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	54.30	41.88
51.00	34.20	18.31#
0.00	0.00	0.00

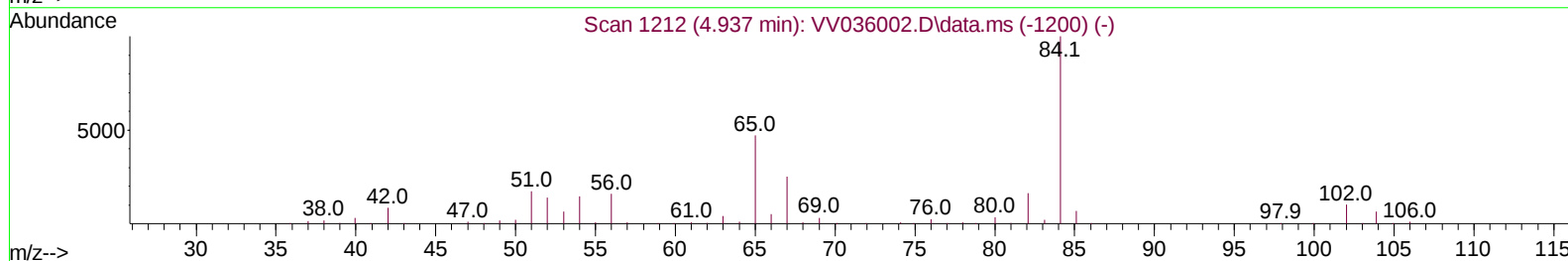
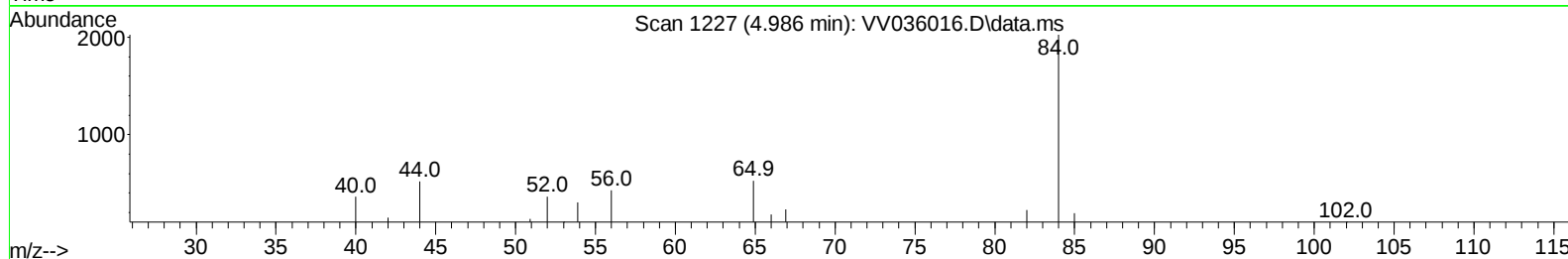
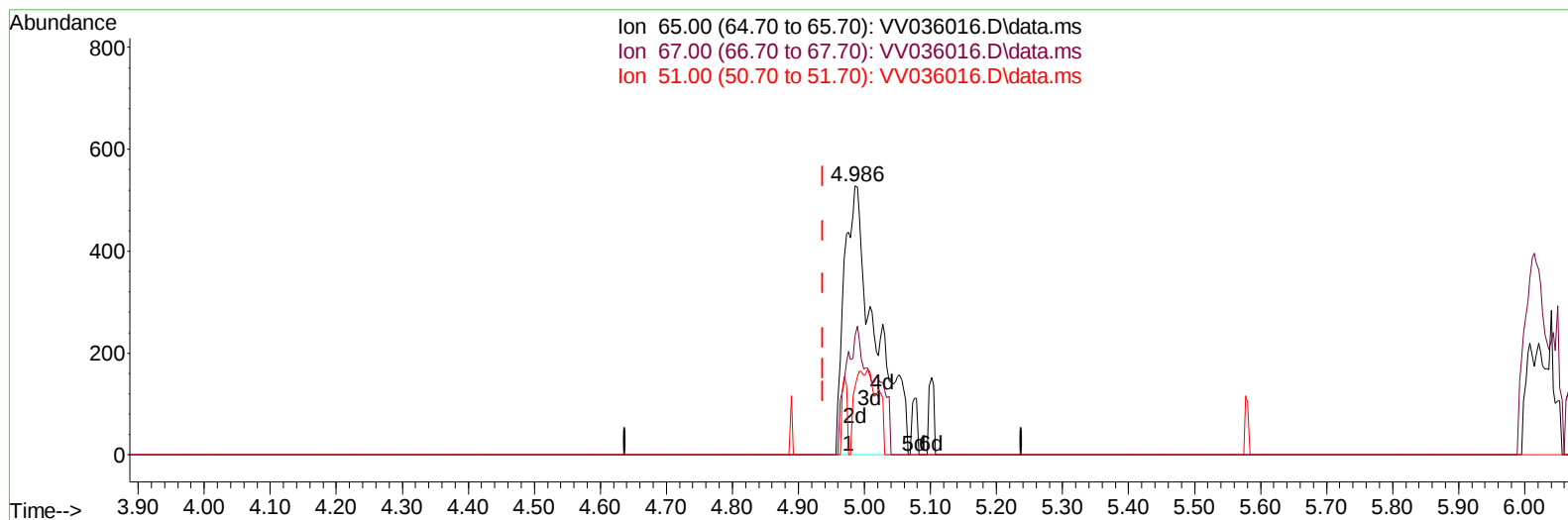
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
Data File : VV036016.D
Acq On : 07 Jun 2024 17:32
Operator : SY/MD
Sample : P2754-23
Misc : 4.15g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CY2

Manual IntegrationsAPPROVED

Quant Time: Jun 08 00:34:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 08 00:30:25 2024
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Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024



TIC: VV036016.D\data.ms

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

4.986min (+ 0.048) 14.54 ug/L m

response 1711

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	54.30	10.70#
51.00	34.20	4.68#
0.00	0.00	0.00

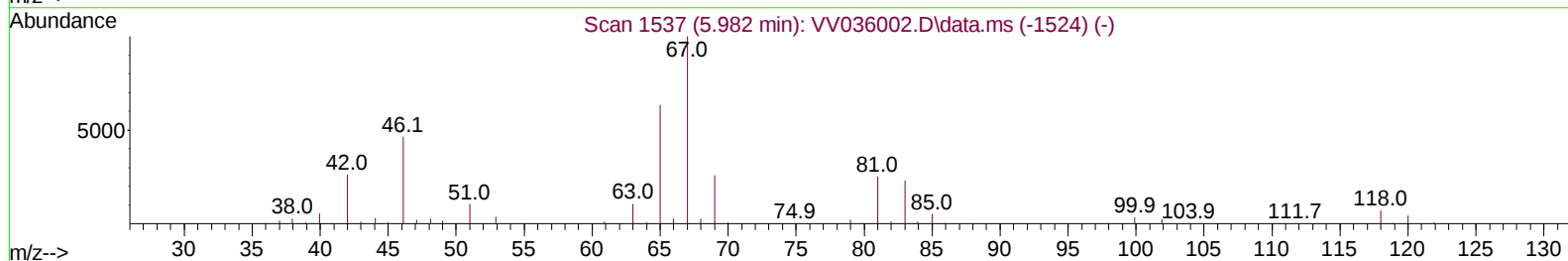
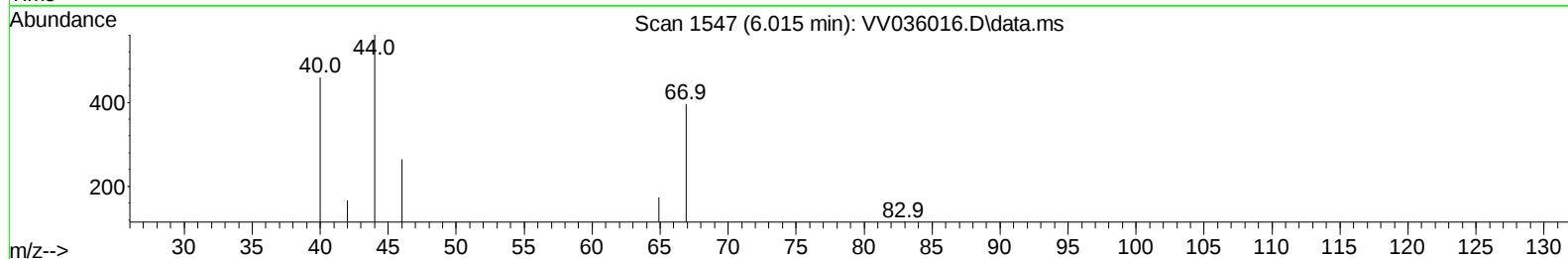
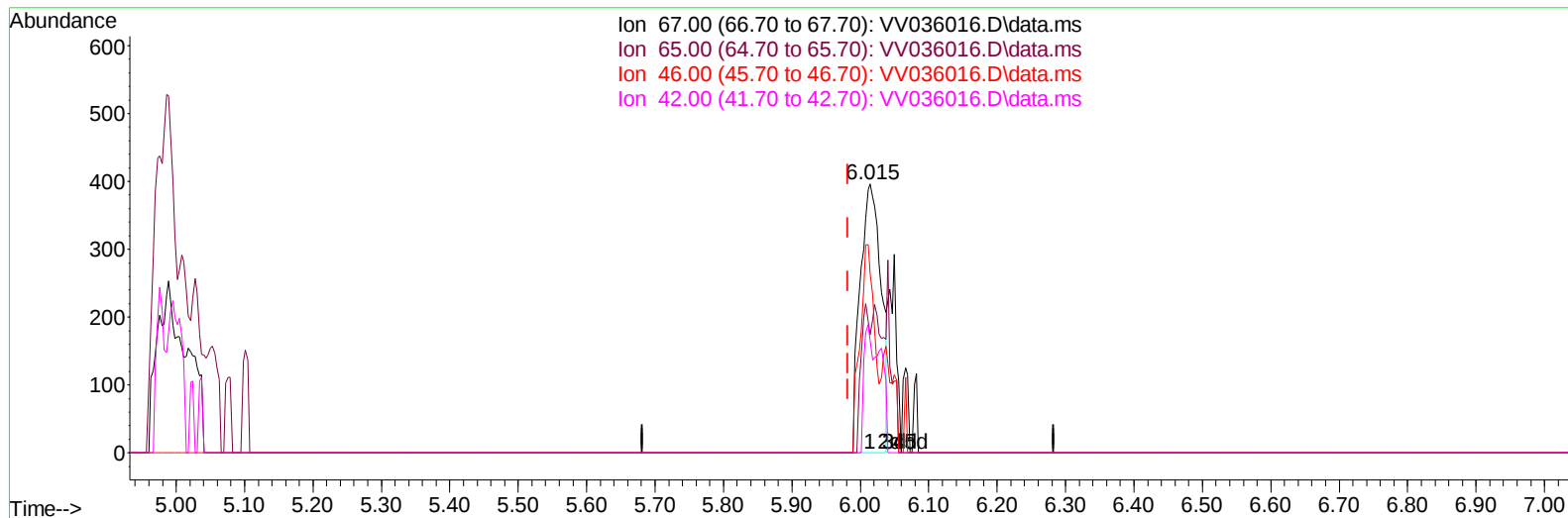
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
 Data File : VV036016.D
 Acq On : 07 Jun 2024 17:32
 Operator : SY/MD
 Sample : P2754-23
 Misc : 4.15g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4CY2

Manual IntegrationsAPPROVED

Quant Time: Jun 08 00:34:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 08 00:30:25 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 06/11/2024
 Supervised By :Semsettin Yesilyurt 06/11/2024



TIC: VV036016.D\data.ms

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

6.015min (+ 0.032) 8.22 ug/L

response 829

Ion	Exp%	Act%
67.00	100.00	100.00
65.00	64.20	24.13#
46.00	47.00	54.40
42.00	25.30	18.82

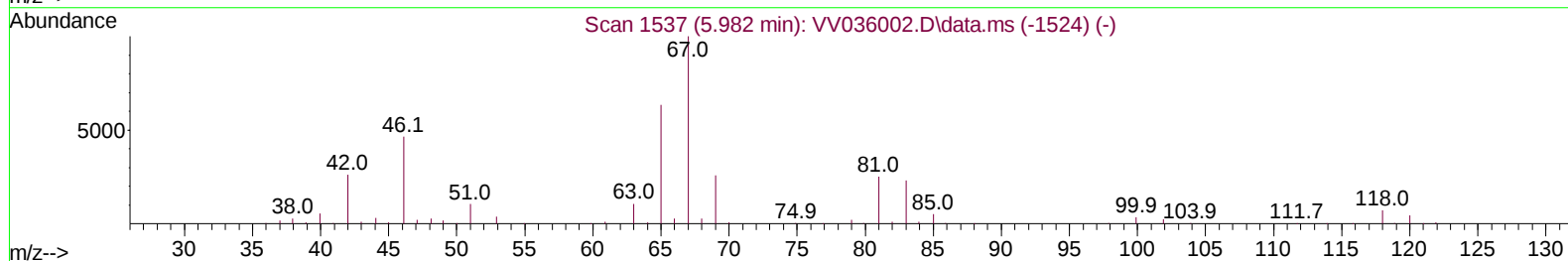
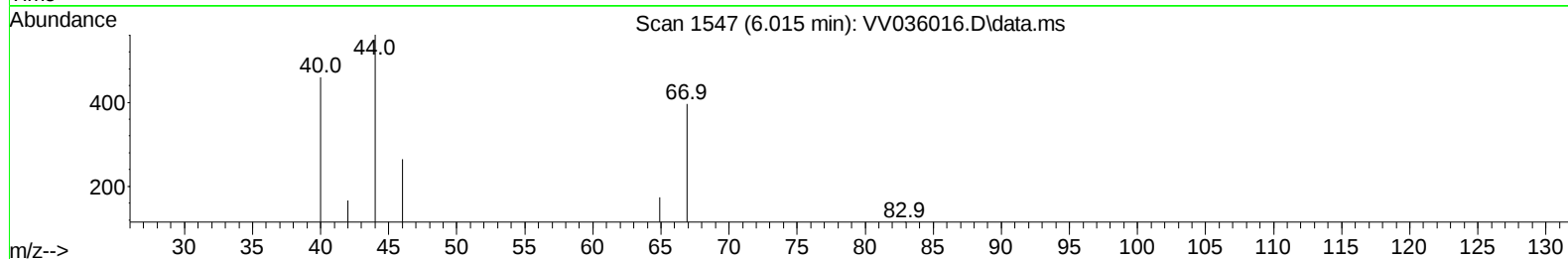
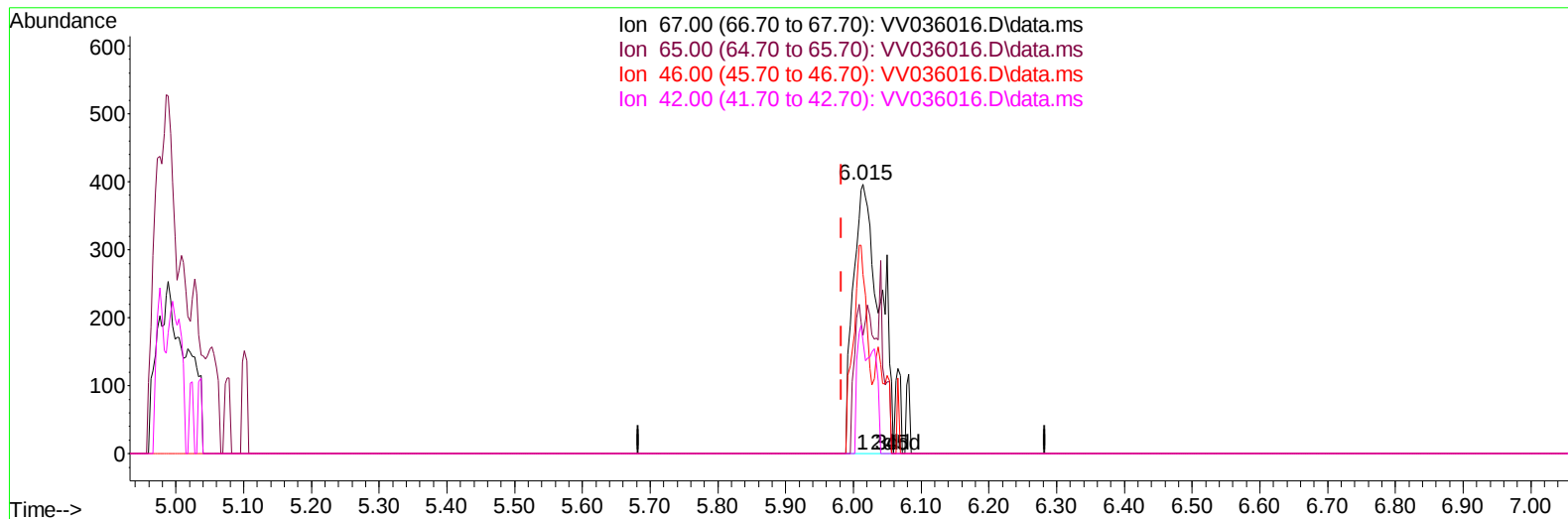
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
Data File : VV036016.D
Acq On : 07 Jun 2024 17:32
Operator : SY/MD
Sample : P2754-23
Misc : 4.15g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CY2

Manual IntegrationsAPPROVED

Quant Time: Jun 08 00:34:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 08 00:30:25 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024



TIC: VV036016.D\data.ms

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

6.015min (+ 0.032) 10.52 ug/L m

response 1061

Ion	Exp%	Act%
67.00	100.00	100.00
65.00	64.20	18.85#
46.00	47.00	42.51
42.00	25.30	14.70#

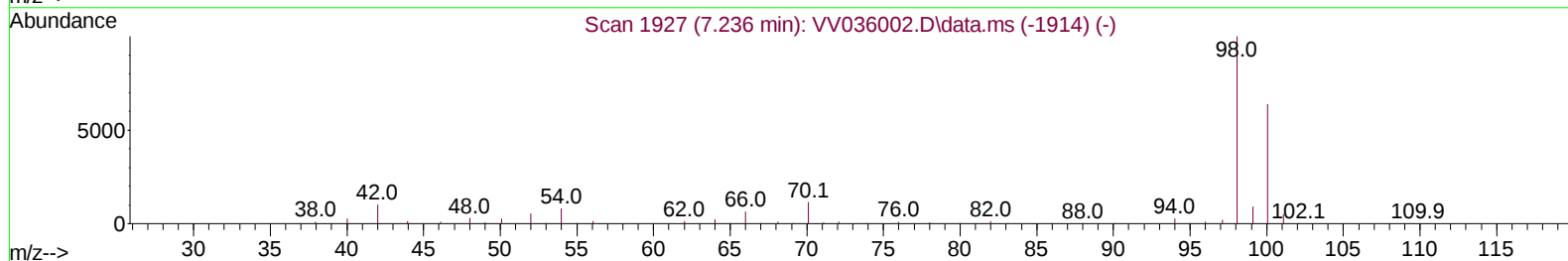
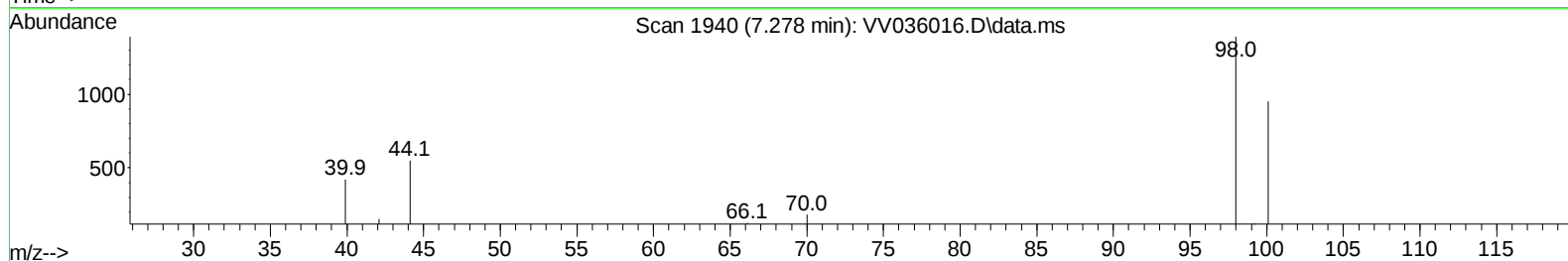
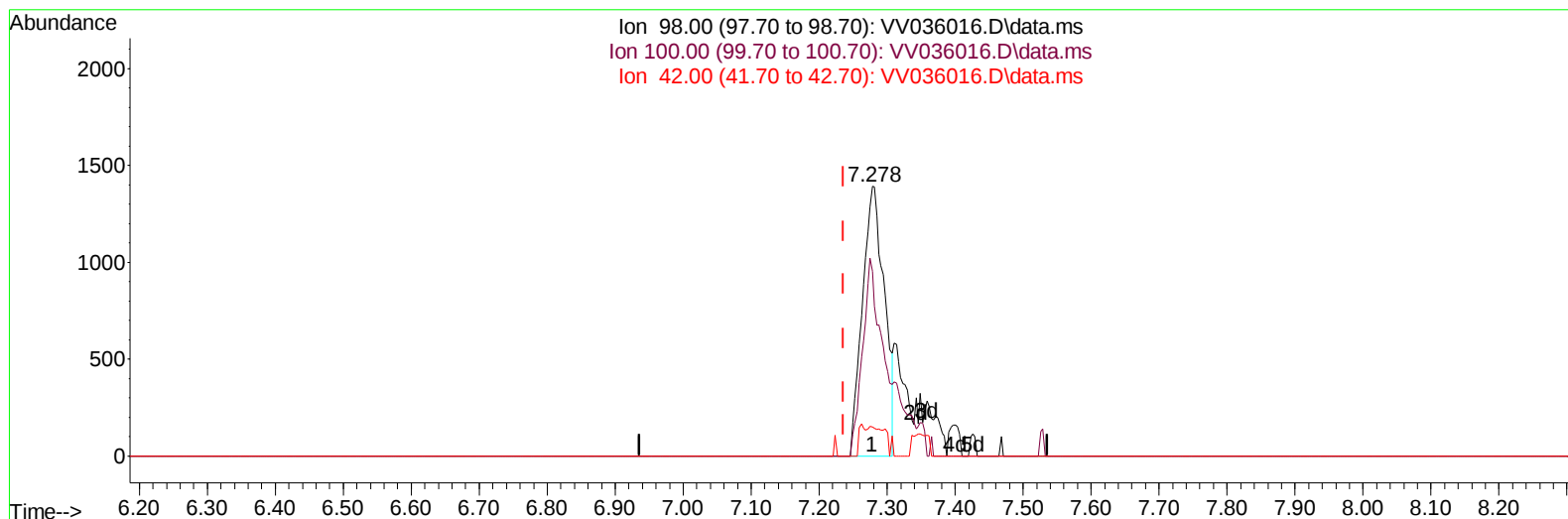
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
Data File : VV036016.D
Acq On : 07 Jun 2024 17:32
Operator : SY/MD
Sample : P2754-23
Misc : 4.15g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CY2

Manual IntegrationsAPPROVED

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TIC: VV036016.D\data.ms

(41) Toluene-d8 (S)

7.278min (+ 0.042) 11.02 ug/L

response 3113

Ion	Exp%	Act%
98.00	100.00	100.00
100.00	64.70	65.47
42.00	9.90	3.63#
0.00	0.00	0.00

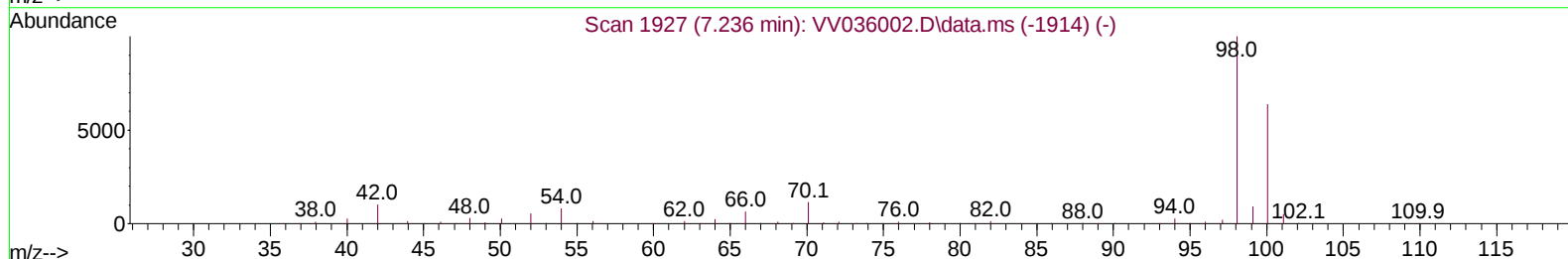
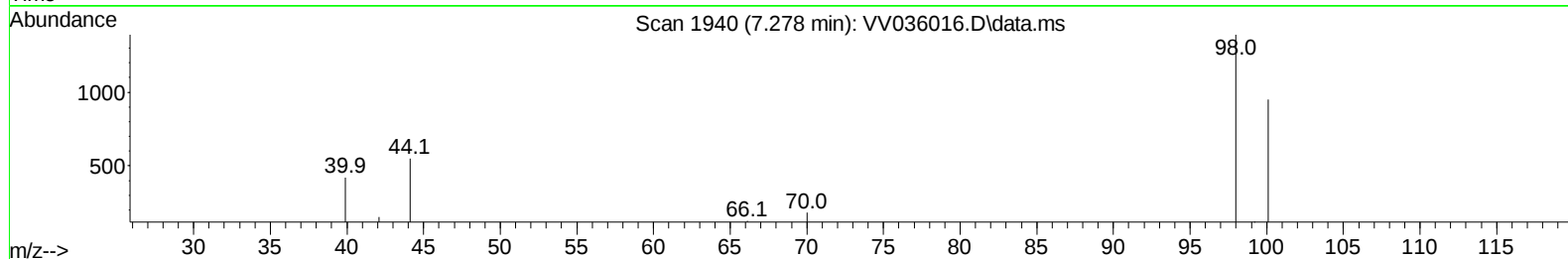
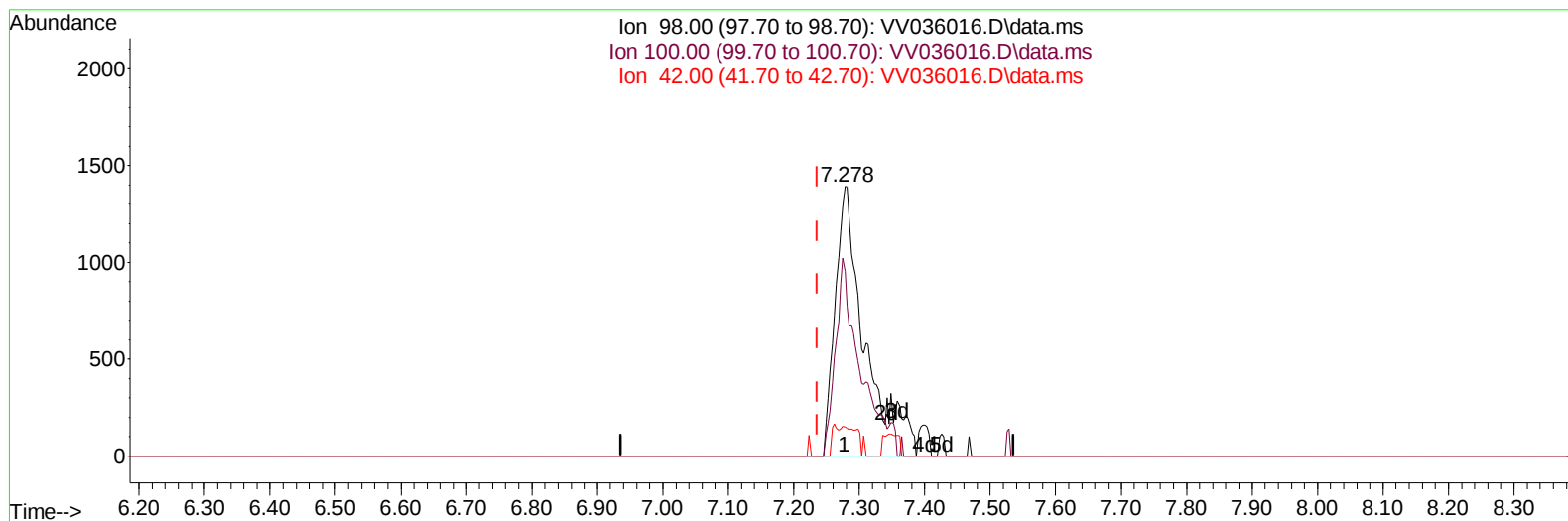
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
Data File : VV036016.D
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Operator : SY/MD
Sample : P2754-23
Misc : 4.15g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CY2

Manual IntegrationsAPPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
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TIC: VV036016.D\data.ms

(41) Toluene-d8 (S)

7.278min (+ 0.042) 15.55 ug/L m

response 4393

Ion	Exp%	Act%
98.00	100.00	100.00
100.00	64.70	46.39
42.00	9.90	2.57#
0.00	0.00	0.00

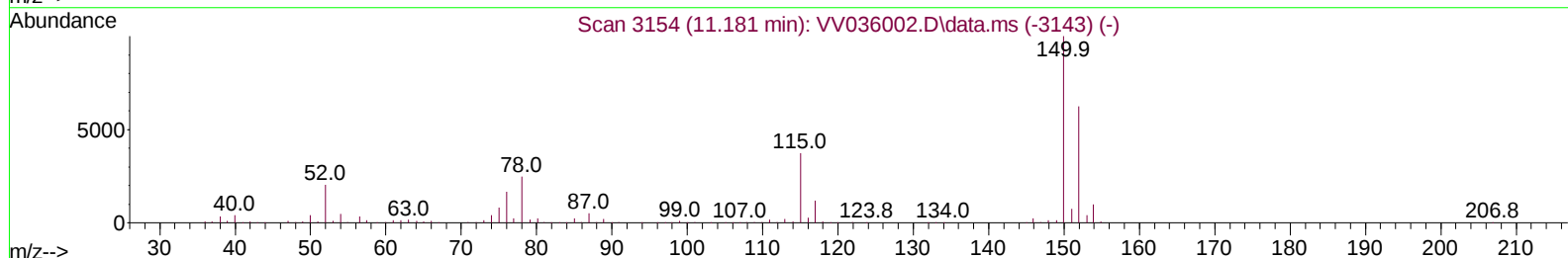
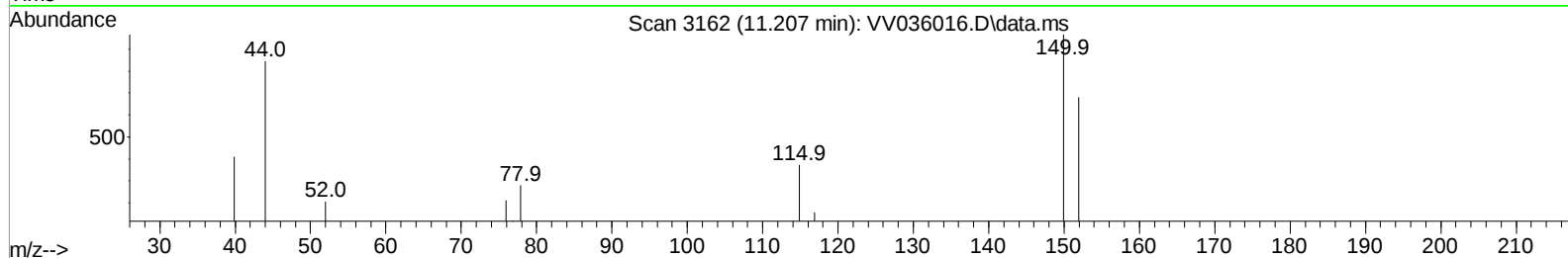
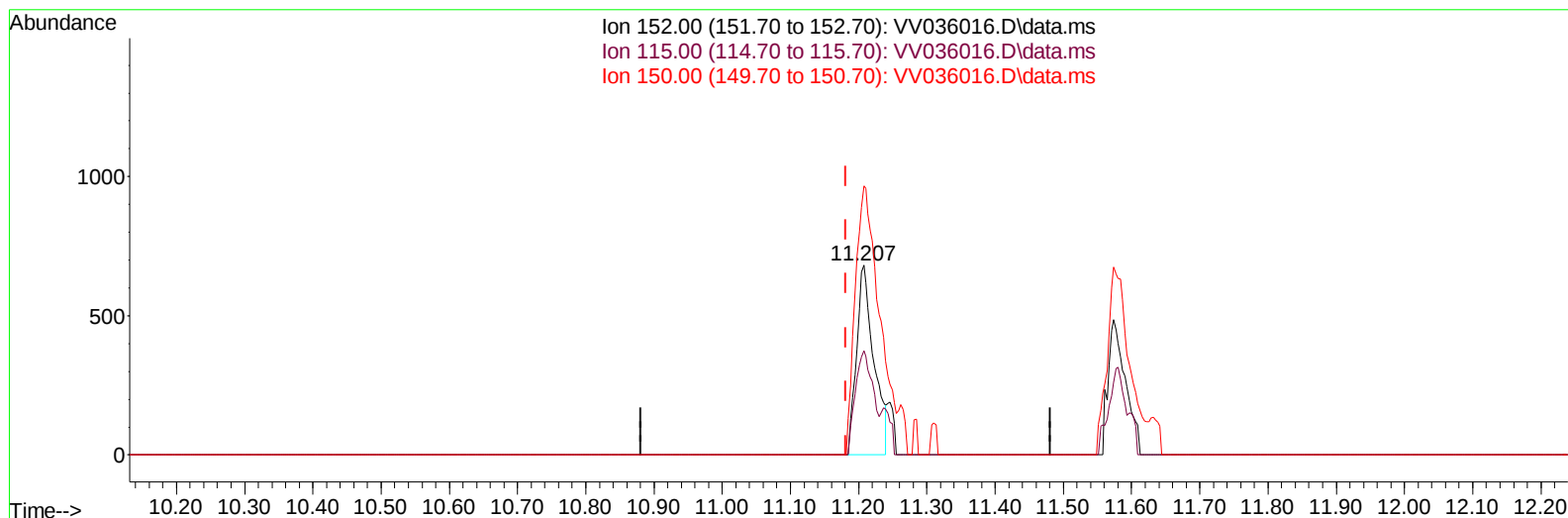
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : VOC Analysis
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TIC: VV036016.D\data.ms

(58) 1,4-Dichlorobenzene-d4 (I)

11.207min (+ 0.026) 25.00 ug/L

response 1204

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	58.30	56.48
150.00	174.40	196.43
0.00	0.00	0.00

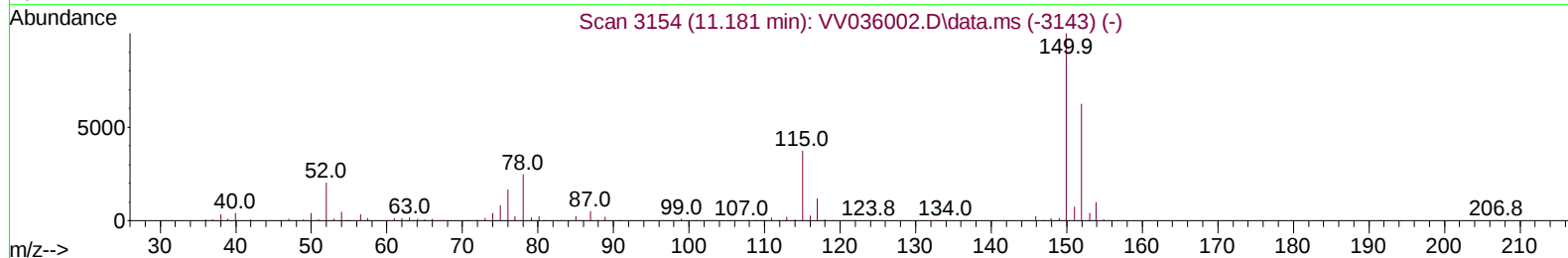
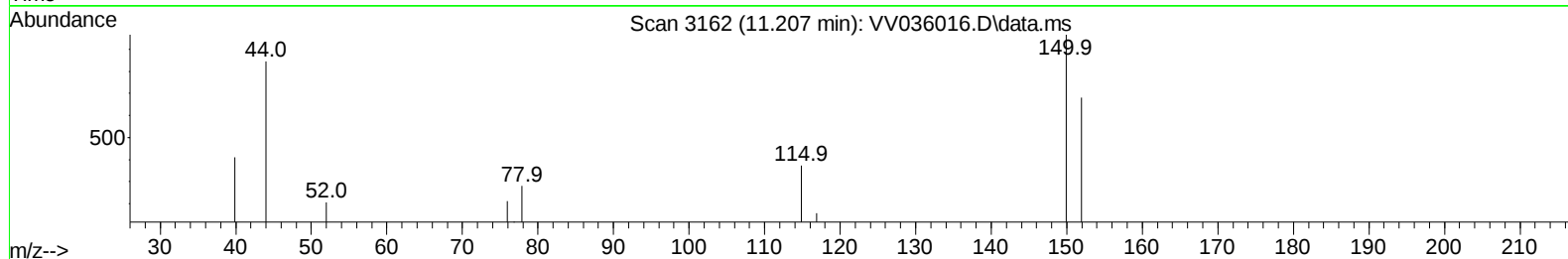
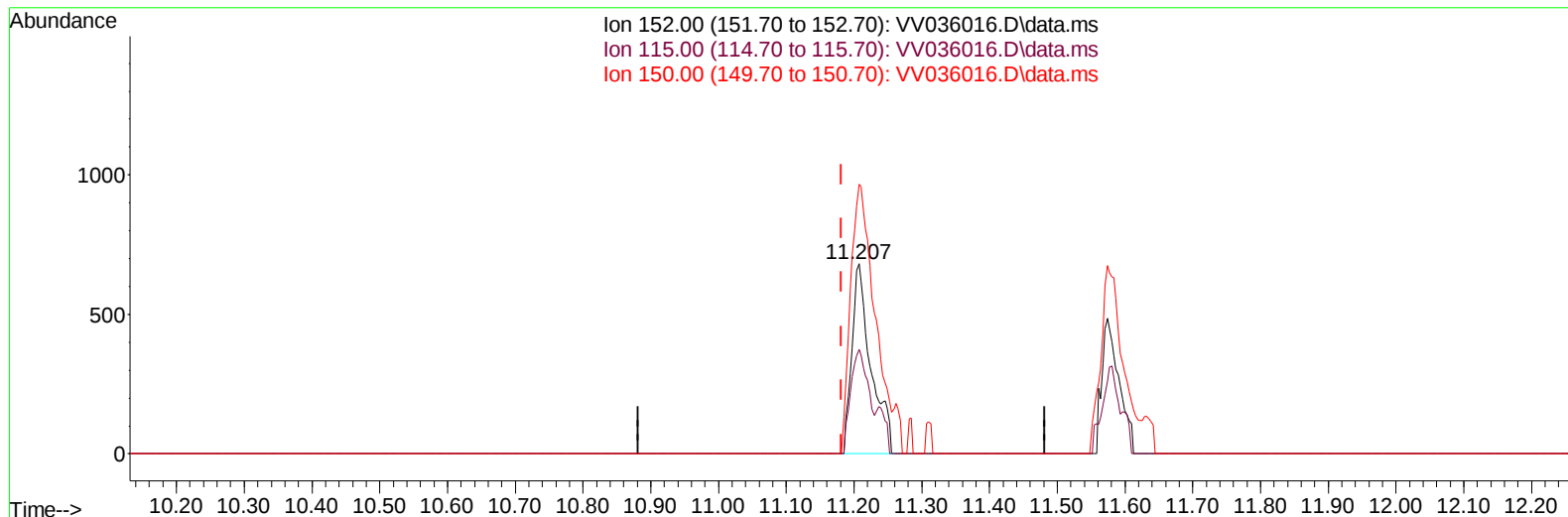
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
Data File : VV036016.D
Acq On : 07 Jun 2024 17:32
Operator : SY/MD
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Misc : 4.15g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CY2

Manual IntegrationsAPPROVED

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TIC: VV036016.D\data.ms

(58) 1,4-Dichlorobenzene-d4 (I)

11.207min (+ 0.026) 25.00 ug/L m

response 1331

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	58.30	51.09
150.00	174.40	177.69
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
 Data File : VV036016.D
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 ALS Vial : 17 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Difluorobenzene	5.568	114	7062m	25.000	ug/L	0.04
28) Chlorobenzene-d5	8.805	117	5386	25.000	ug/L	# 0.03
58) 1,4-Dichlorobenzene-d4	11.207	152	1331m	25.000	ug/L	0.03
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	2104	16.205	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	64.840%	
7) Chloroethane-d5	1.536	69	1658	16.015	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	64.080%	
11) 1,1-Dichloroethene-d2	2.066	65	871	15.069	ug/L	0.02
Spiked Amount 25.000	Range 45	- 110	Recovery	=	60.280%	
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount 50.000	Range 20	- 135	Recovery	=	0.000%#	
24) Chloroform-d	4.269	84	2044m	9.104	ug/L	0.03
Spiked Amount 25.000	Range 40	- 150	Recovery	=	36.400%#	
26) 1,2-Dichloroethane-d4	4.986	65	1711m	14.535	ug/L	0.05
Spiked Amount 25.000	Range 70	- 130	Recovery	=	58.160%#	
32) Benzene-d6	4.982	84	5774	18.035	ug/L	0.03
Spiked Amount 25.000	Range 20	- 135	Recovery	=	72.120%	
36) 1,2-Dichloropropane-d6	6.015	67	1061m	10.524	ug/L	0.03
Spiked Amount 25.000	Range 70	- 120	Recovery	=	42.080%#	
41) Toluene-d8	7.278	98	4393m	15.551	ug/L	0.04
Spiked Amount 25.000	Range 30	- 130	Recovery	=	62.200%	
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount 25.000	Range 30	- 135	Recovery	=	0.000%#	
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount 50.000	Range 20	- 135	Recovery	=	0.000%#	
56) 1,1,2,2-Tetrachloroeth...	0.000	84	0d	0.000	ug/L	
Spiked Amount 25.000	Range 45	- 120	Recovery	=	0.000%#	
66) 1,2-Dichlorobenzene-d4	11.574	152	857	17.558	ug/L	0.02
Spiked Amount 25.000	Range 75	- 120	Recovery	=	70.240%#	

Target Compounds Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
Data File : VV036016.D
Acq On : 07 Jun 2024 17:32
Operator : SY/MD
Sample : P2754-23
Misc : 4.15g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CY2

Manual IntegrationsAPPROVED

Quant Time: Jun 08 00:34:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 08 00:30:25 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024

