

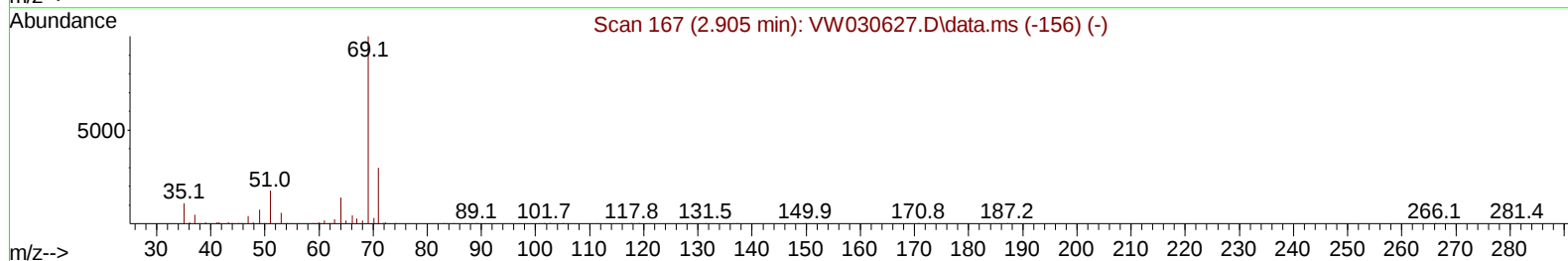
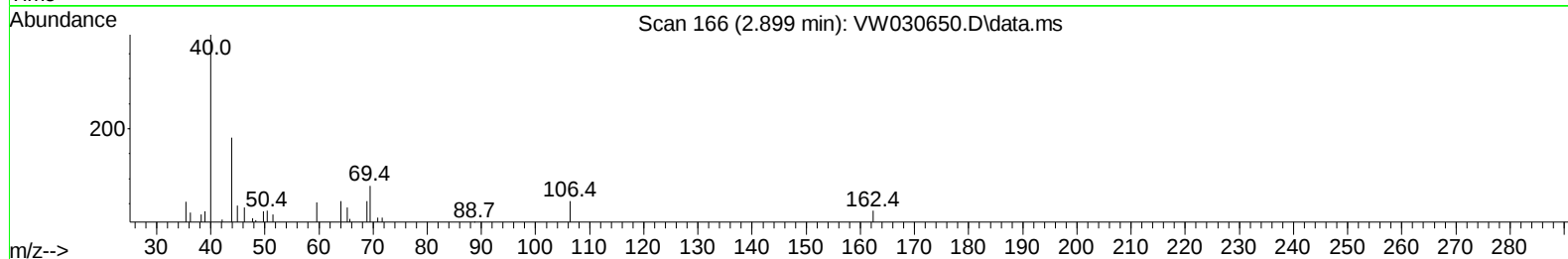
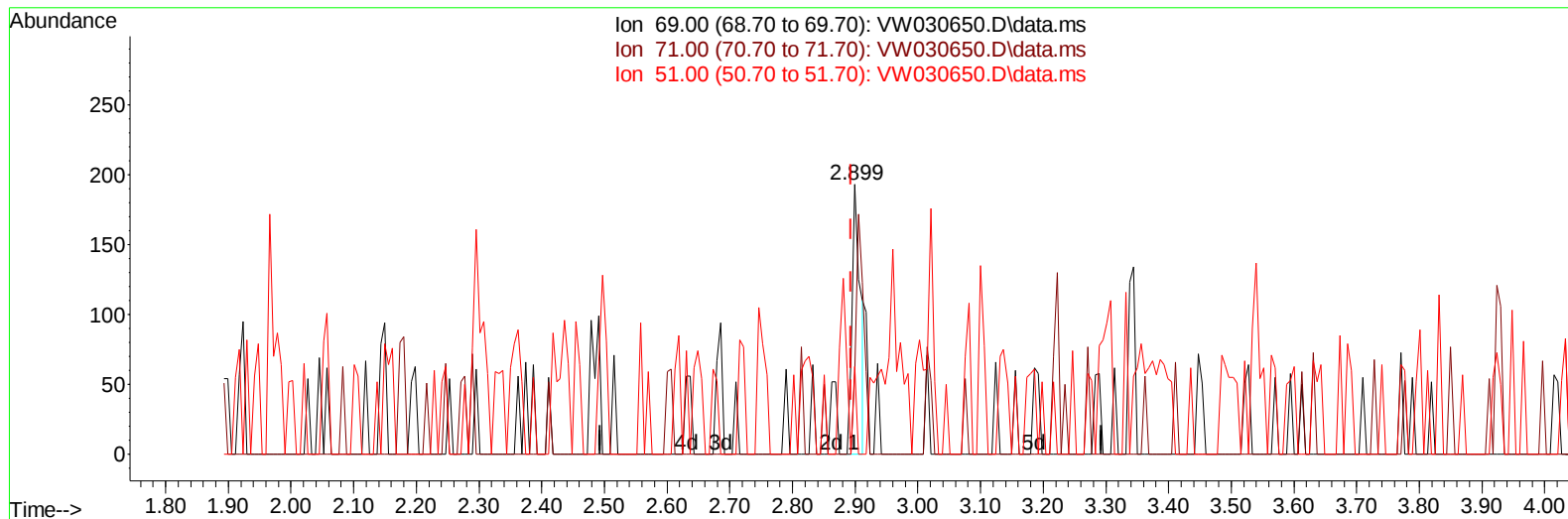
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101724\
Data File : VW030650.D
Acq On : 17 Oct 2024 19:47
Operator : SY/MD
Sample : P4414-21
Misc : 4.78g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4F82

Manual IntegrationsAPPROVED

Quant Time: Oct 28 02:38:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 25 23:19:25 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 10/18/2024
Supervised By :Semsettin Yesilyurt 10/18/2024



TIC: VW030650.D\data.ms

(7) Chloroethane-d5 (S)

2.899min (+ 0.006) 15.23 ug/L

response 181

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	31.70	83.43#
51.00	10.20	12.71
0.00	0.00	0.00

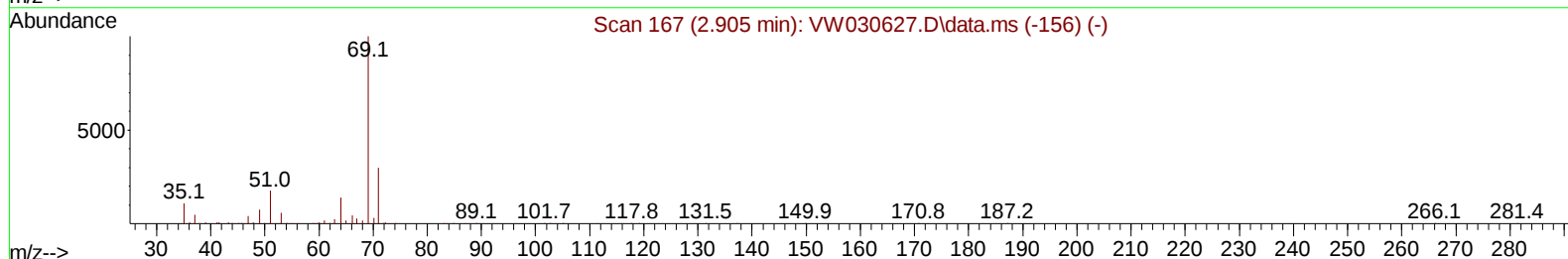
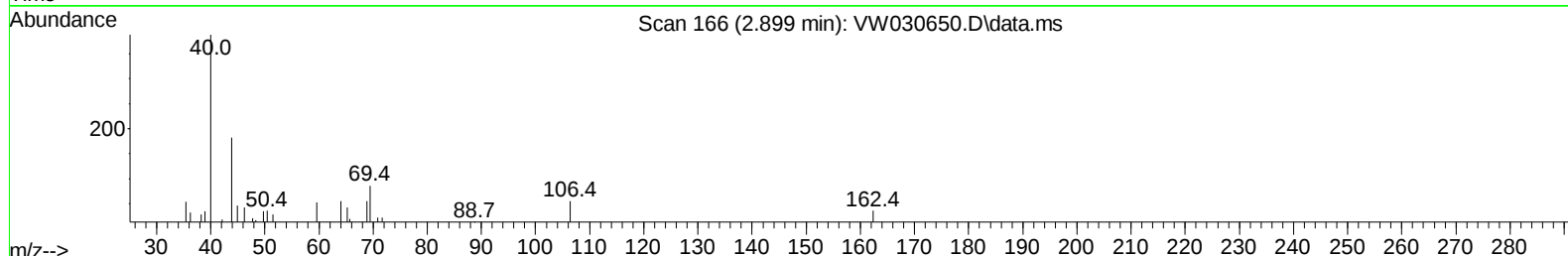
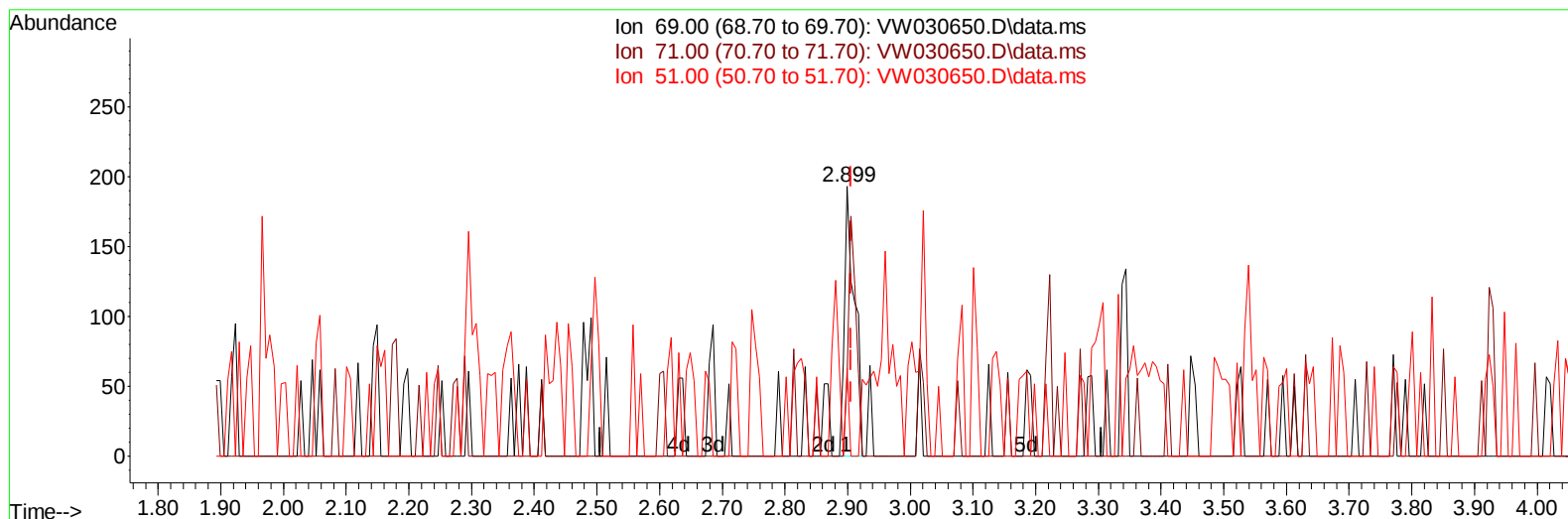
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 Data File : VW030650.D
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 Operator : SY/MD
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 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F82

Manual IntegrationsAPPROVED

Quant Time: Oct 18 01:45:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 18 01:38:16 2024
 Response via : Initial Calibration

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TIC: VW030650.D\data.ms

(7) Chloroethane-d5 (S)

2.899min (-0.006) 18.34 ug/L m

response 218

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	31.70	69.27#
51.00	10.20	10.55
0.00	0.00	0.00

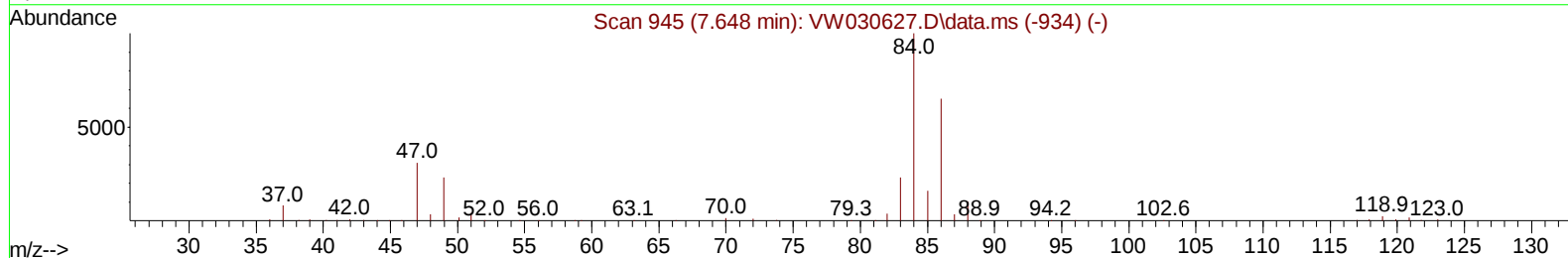
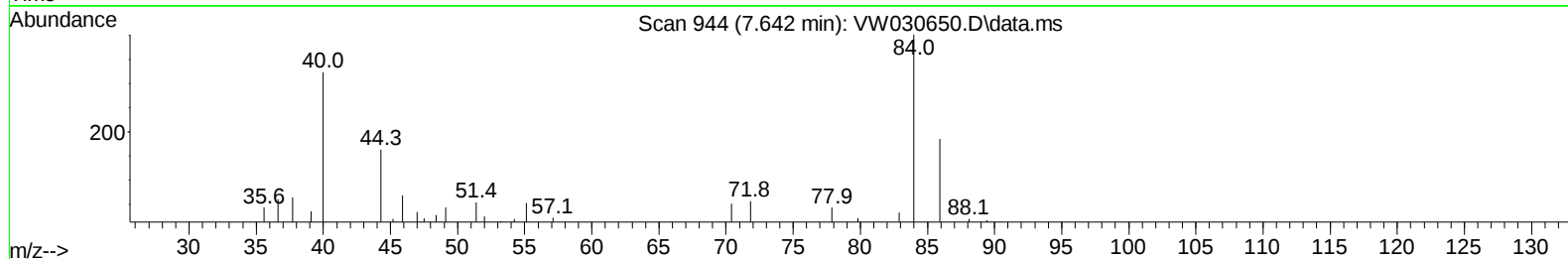
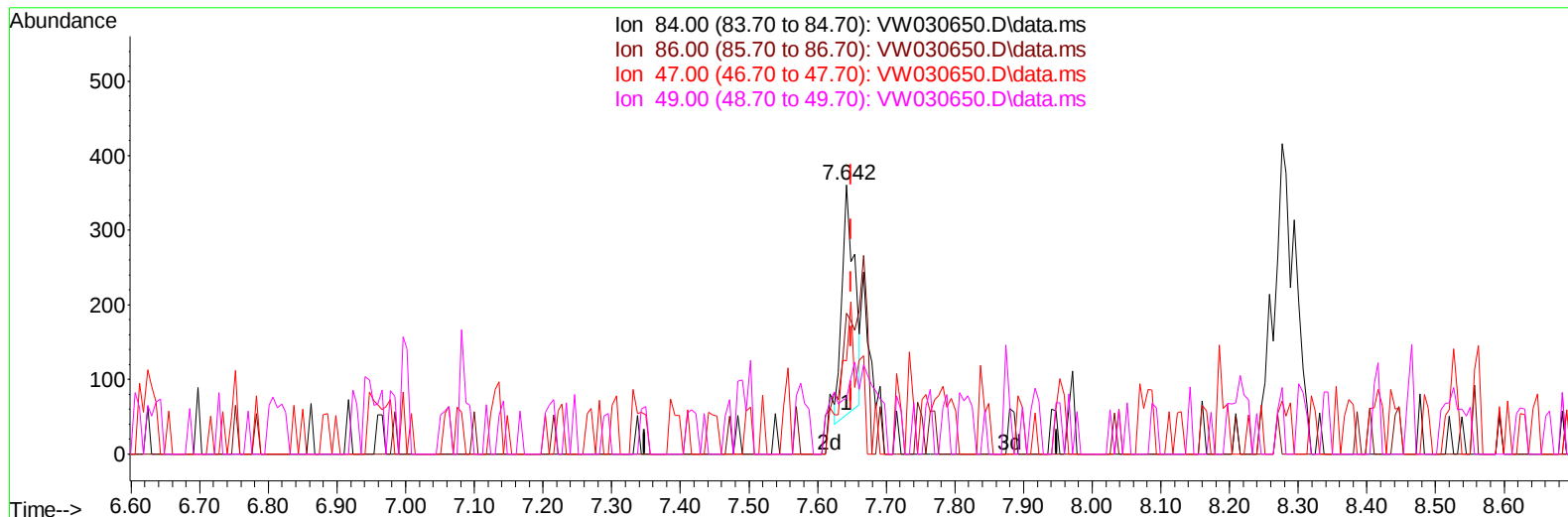
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Data File : VW030650.D
Acq On : 17 Oct 2024 19:47
Operator : SY/MD
Sample : P4414-21
Misc : 4.78g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4F82

Manual IntegrationsAPPROVED

Quant Time: Oct 28 02:38:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 25 23:19:25 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 10/18/2024
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TIC: VW030650.D\data.ms

(24) Chloroform-d (S)

7.642min (-0.006) 13.76 ug/L

response 393

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	63.10	86.26#
47.00	48.90	50.64
49.00	28.60	26.97

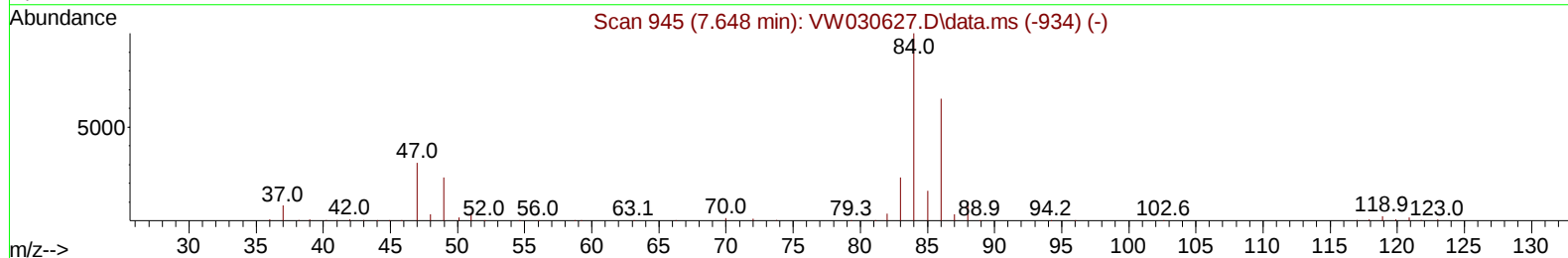
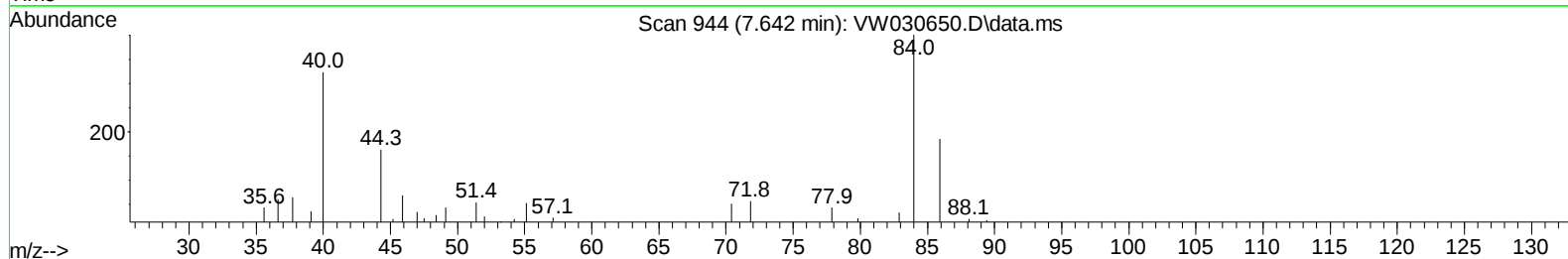
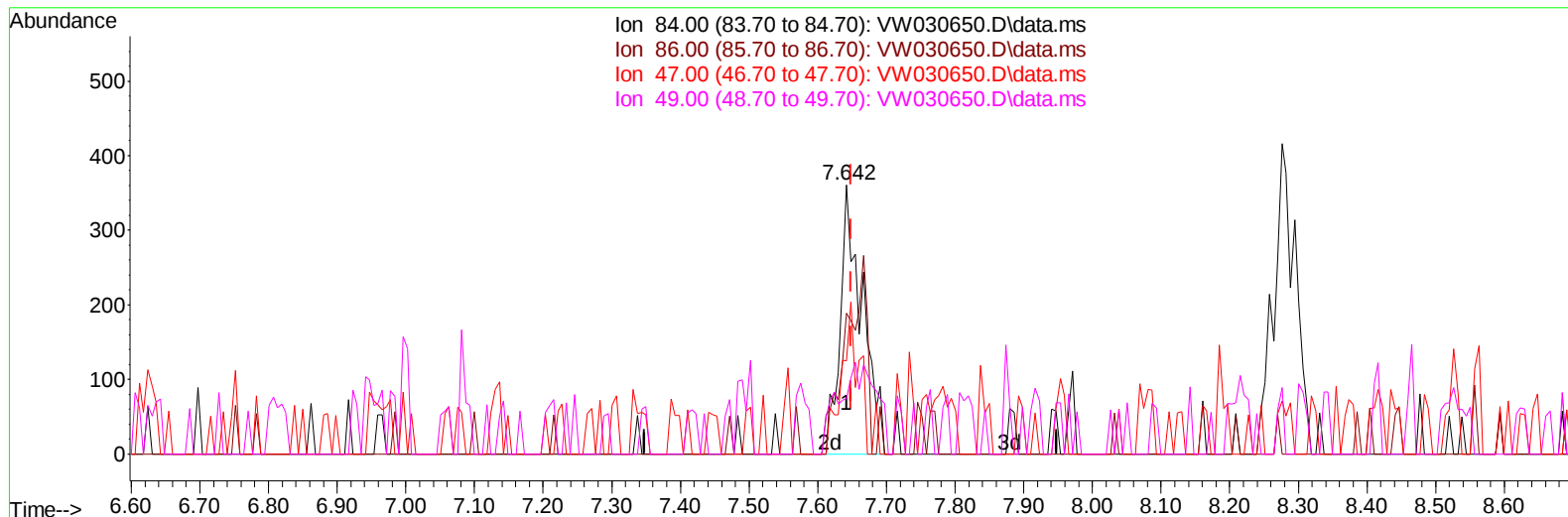
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Data File : VW030650.D
Acq On : 17 Oct 2024 19:47
Operator : SY/MD
Sample : P4414-21
Misc : 4.78g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4F82

Manual IntegrationsAPPROVED

Quant Time: Oct 18 01:45:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 18 01:38:16 2024
Response via : Initial Calibration

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TIC: VW030650.D\data.ms

(24) Chloroform-d (S)

7.642min (-0.006) 28.28 ug/L m

response 808

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	63.10	41.96#
47.00	48.90	24.63#
49.00	28.60	13.12#

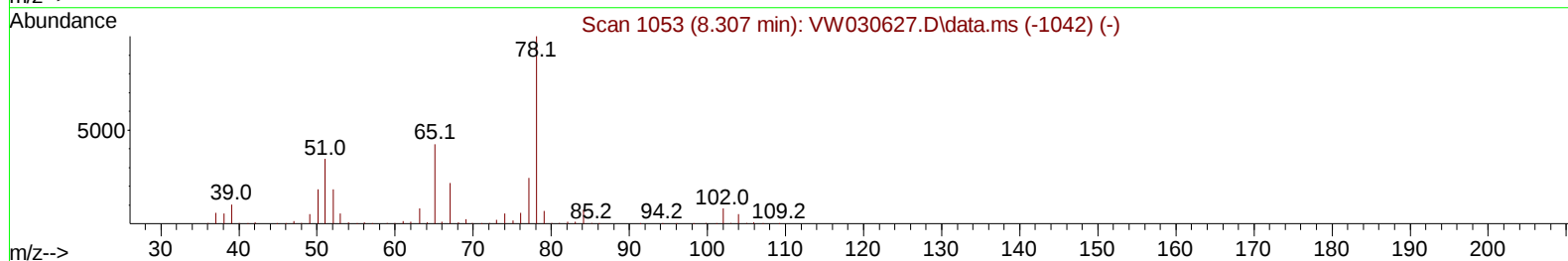
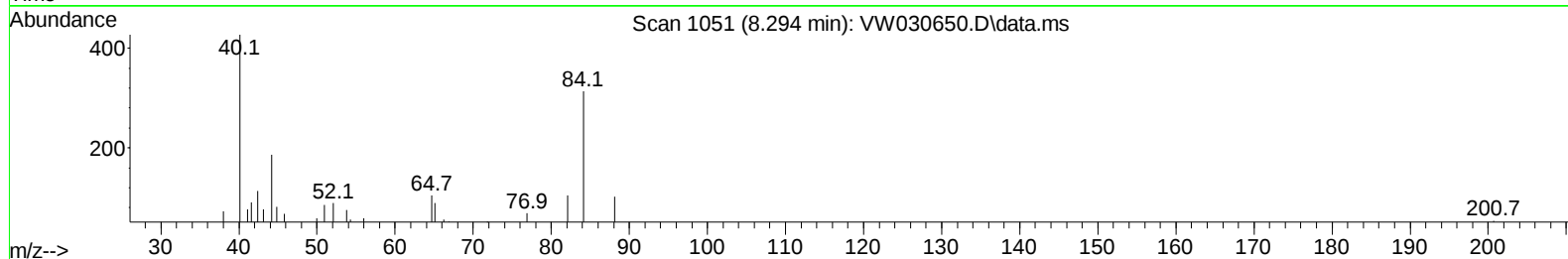
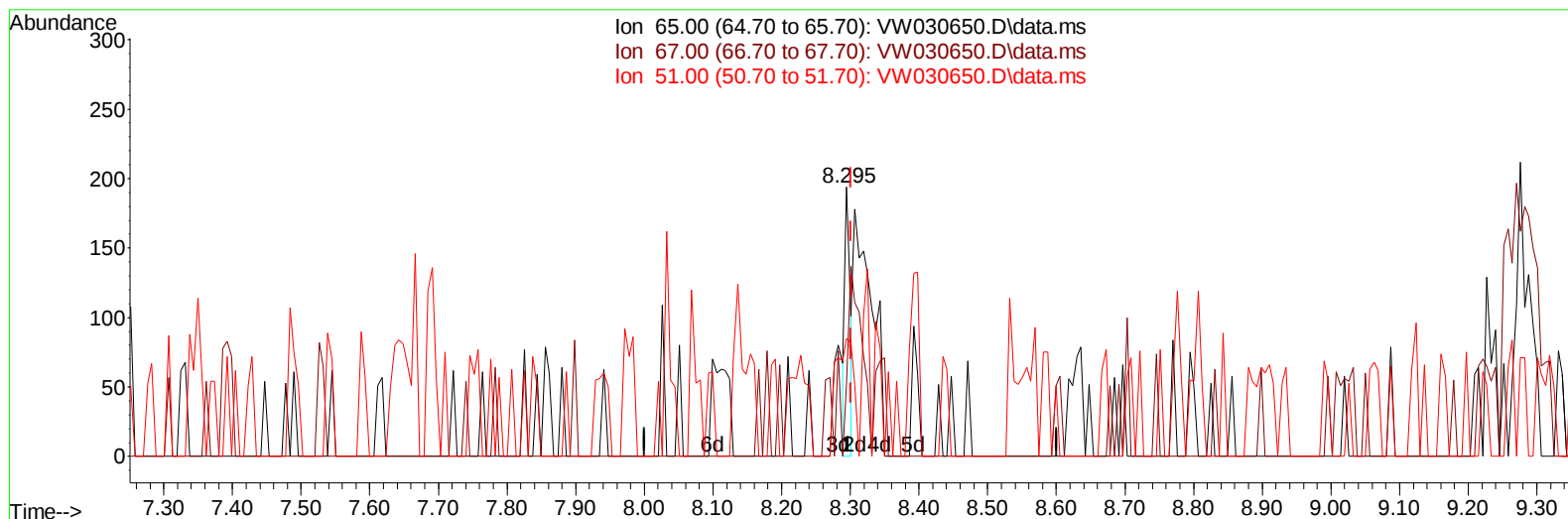
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 Data File : VW030650.D
 Acq On : 17 Oct 2024 19:47
 Operator : SY/MD
 Sample : P4414-21
 Misc : 4.78g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F82

Manual IntegrationsAPPROVED

Quant Time: Oct 28 02:38:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 25 23:19:25 2024
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Reviewed By :Mahesh Dadoda 10/18/2024
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TIC: VW030650.D\data.ms

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

8.294min (-0.006) 7.27 ug/L

response 108

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	51.90	0.00#
51.00	109.40	74.07#
0.00	0.00	0.00

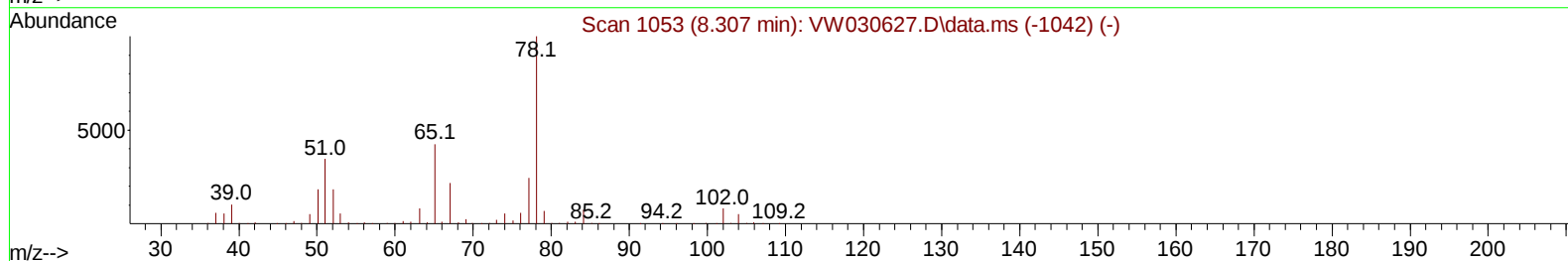
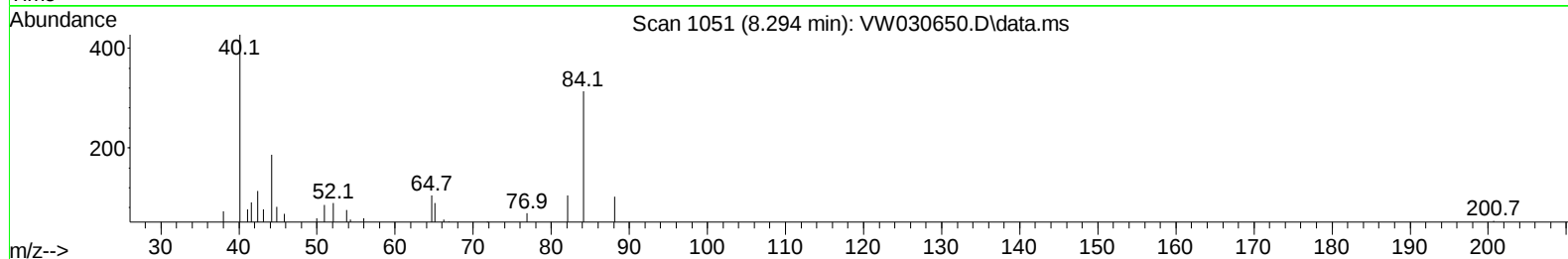
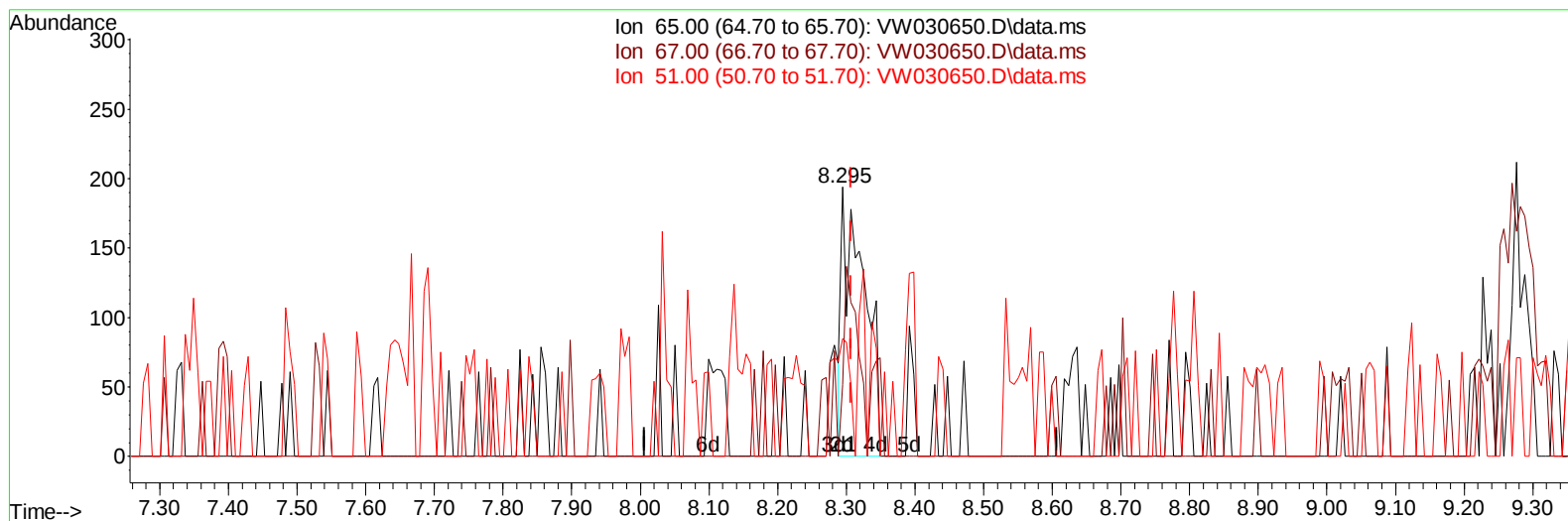
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Data File : VW030650.D
Acq On : 17 Oct 2024 19:47
Operator : SY/MD
Sample : P4414-21
Misc : 4.78g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4F82

Manual IntegrationsAPPROVED

Quant Time: Oct 18 01:45:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 18 01:38:16 2024
Response via : Initial Calibration

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Supervised By :Semsettin Yesilyurt 10/18/2024



TIC: VW030650.D\data.ms

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

8.294min (-0.012) 29.68 ug/L m

response 441

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	51.90	43.99
51.00	109.40	19.73#
0.00	0.00	0.00

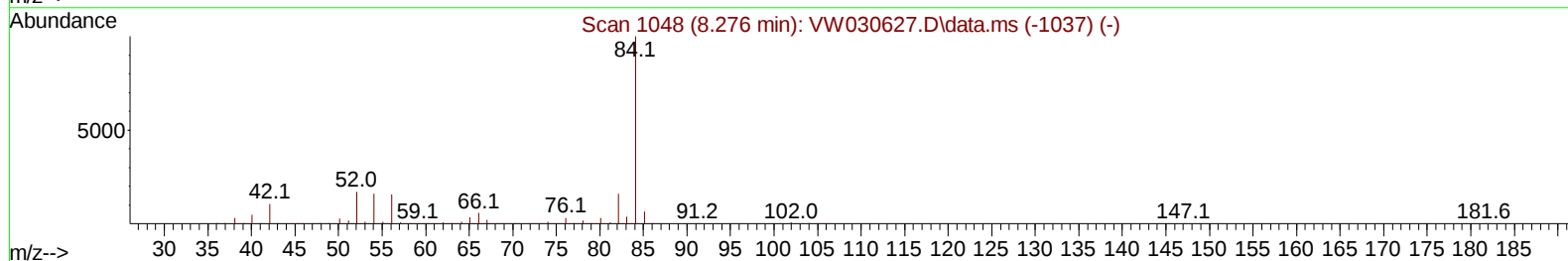
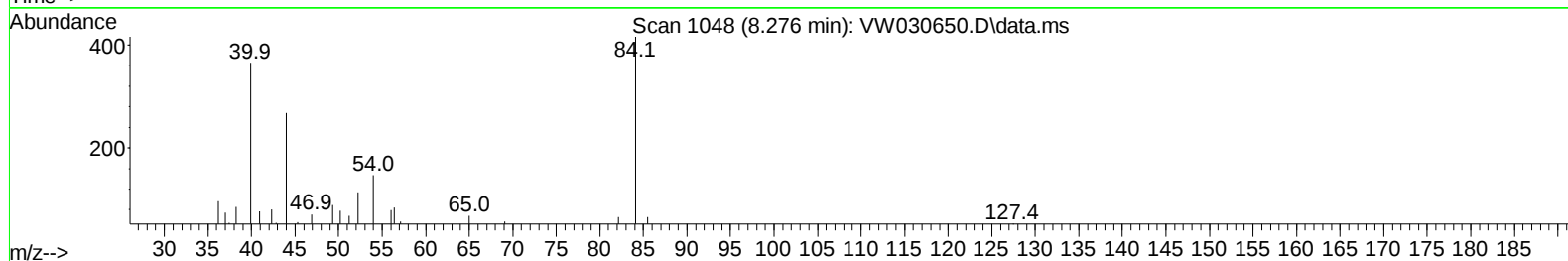
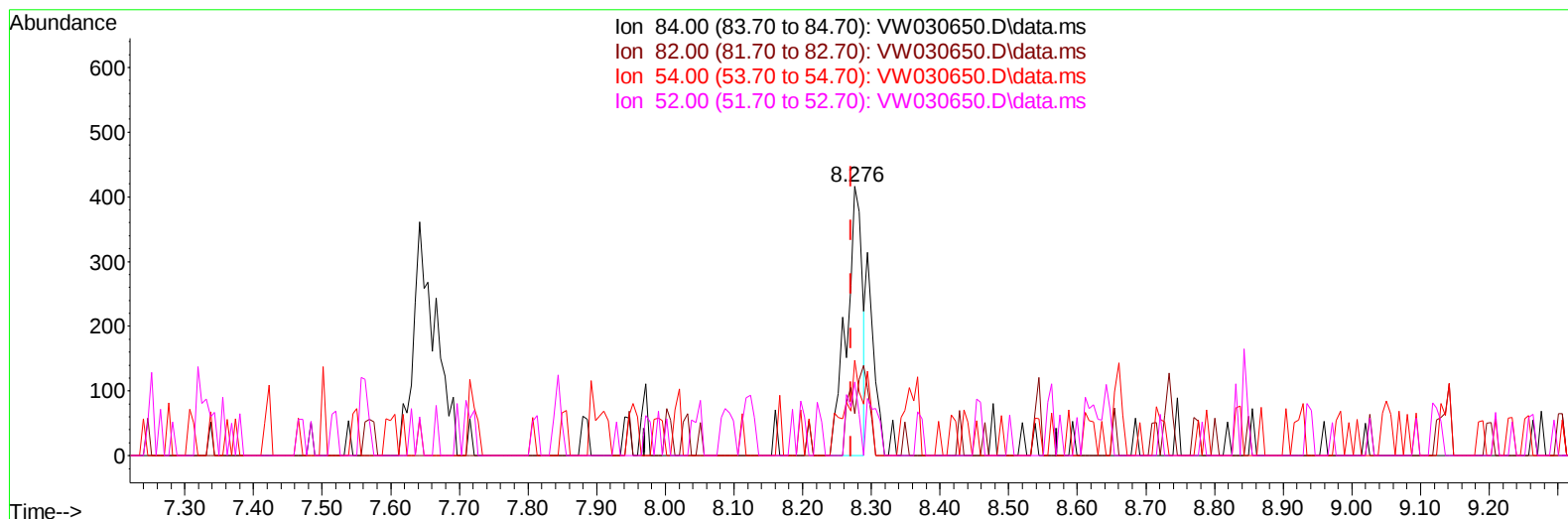
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Data File : VW030650.D
Acq On : 17 Oct 2024 19:47
Operator : SY/MD
Sample : P4414-21
Misc : 4.78g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4F82

Manual IntegrationsAPPROVED

Quant Time: Oct 28 02:38:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
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TIC: VW030650.D\data.ms

(32) Benzene-d6 (S)

8.276min (+ 0.006) 18.20 ug/L

response 659

Ion	Exp%	Act%
84.00	100.00	100.00
82.00	15.90	14.11
54.00	16.00	26.40#
52.00	17.30	19.27

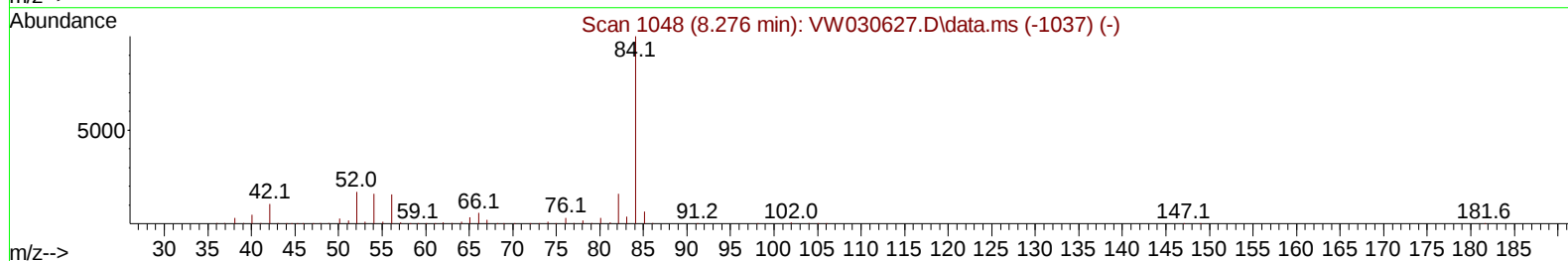
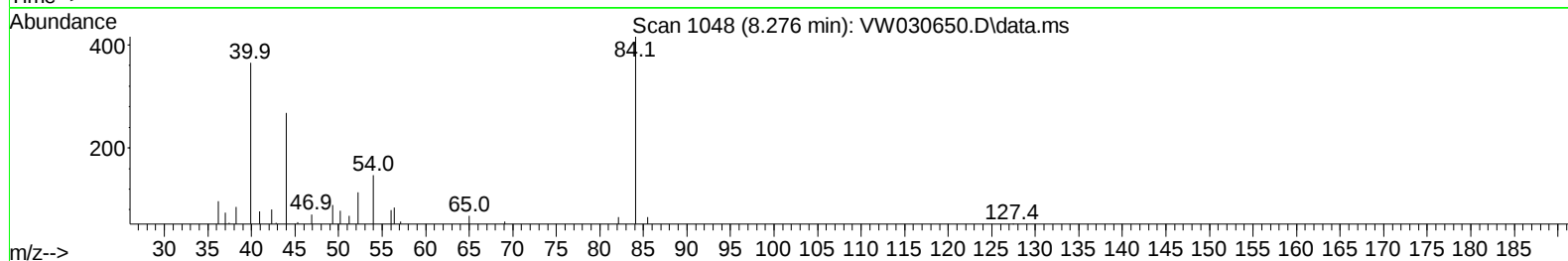
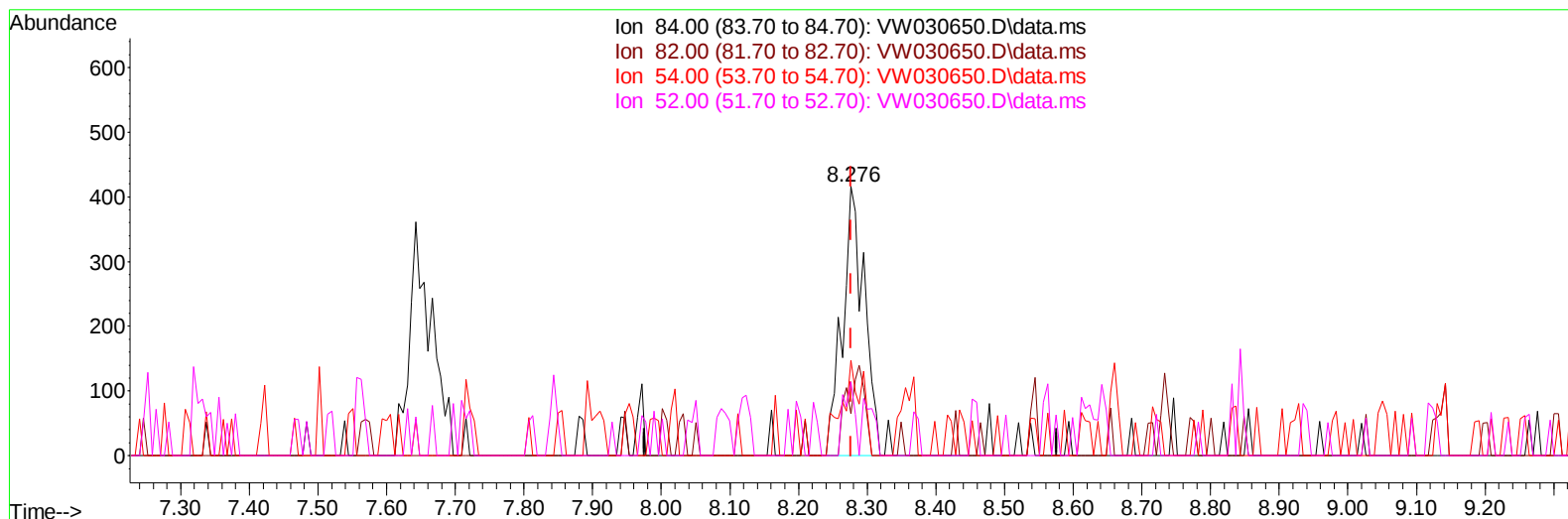
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Data File : VW030650.D
Acq On : 17 Oct 2024 19:47
Operator : SY/MD
Sample : P4414-21
Misc : 4.78g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4F82

Manual IntegrationsAPPROVED

Quant Time: Oct 18 01:45:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 18 01:38:16 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 10/18/2024
Supervised By :Semsettin Yesilyurt 10/18/2024



TIC: VW030650.D\data.ms

(32) Benzene-d6 (S)

8.276min (+ 0.000) 25.24 ug/L m

response 914

Ion	Exp%	Act%
84.00	100.00	100.00
82.00	15.90	10.18#
54.00	16.00	19.04
52.00	17.30	13.89

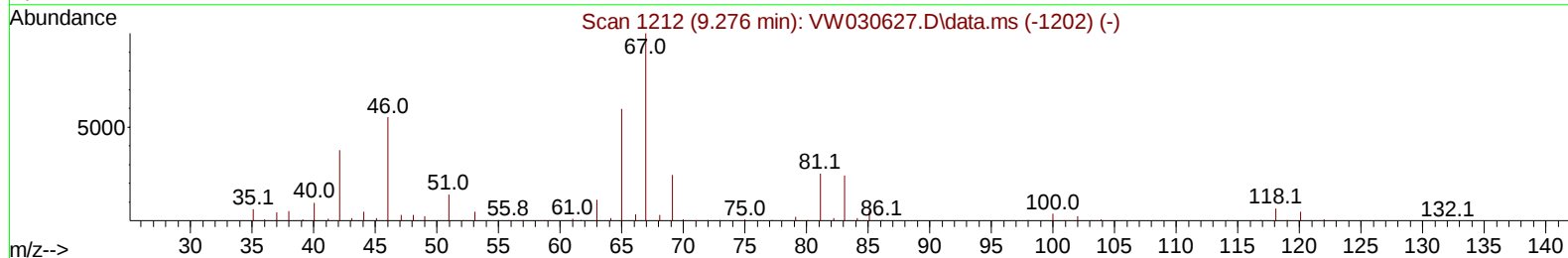
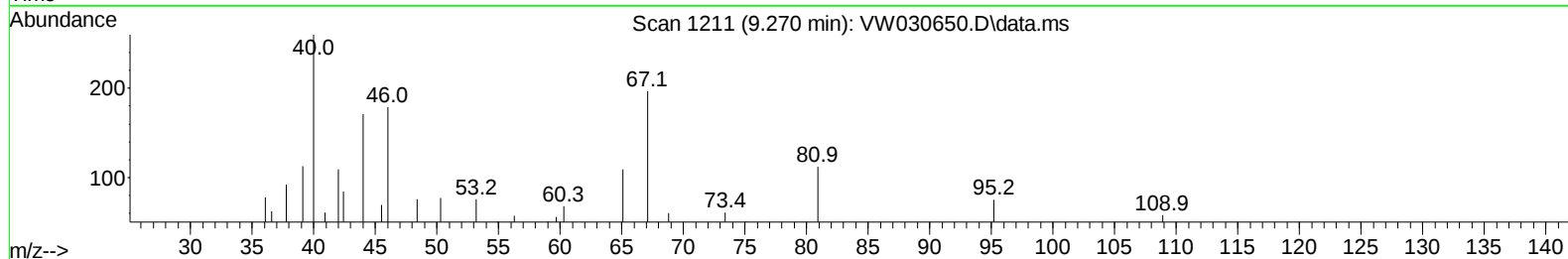
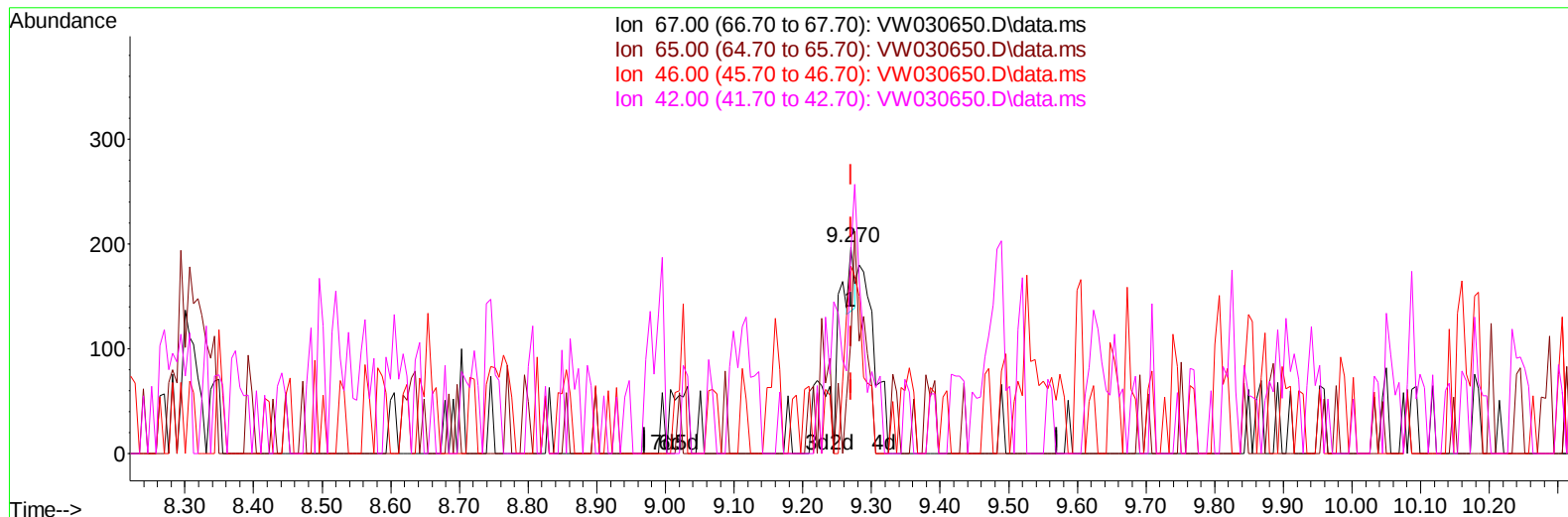
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Data File : VW030650.D
Acq On : 17 Oct 2024 19:47
Operator : SY/MD
Sample : P4414-21
Misc : 4.78g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4F82

Manual IntegrationsAPPROVED

Quant Time: Oct 28 02:38:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
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QLast Update : Fri Oct 25 23:19:25 2024
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TIC: VW030650.D\data.ms

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

9.270min (-0.000) 3.01 ug/L

response 32

Ion	Exp%	Act%
67.00	100.00	100.00
65.00	62.90	550.00#
46.00	56.90	956.25#
42.00	39.10	625.00#

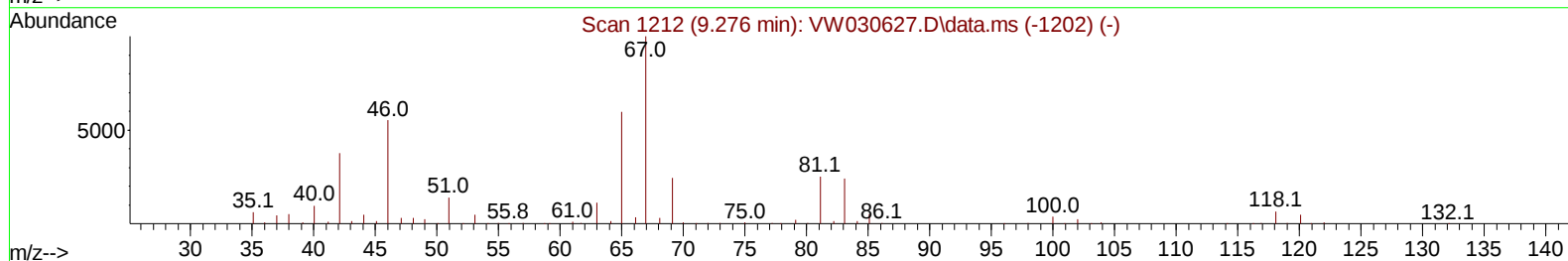
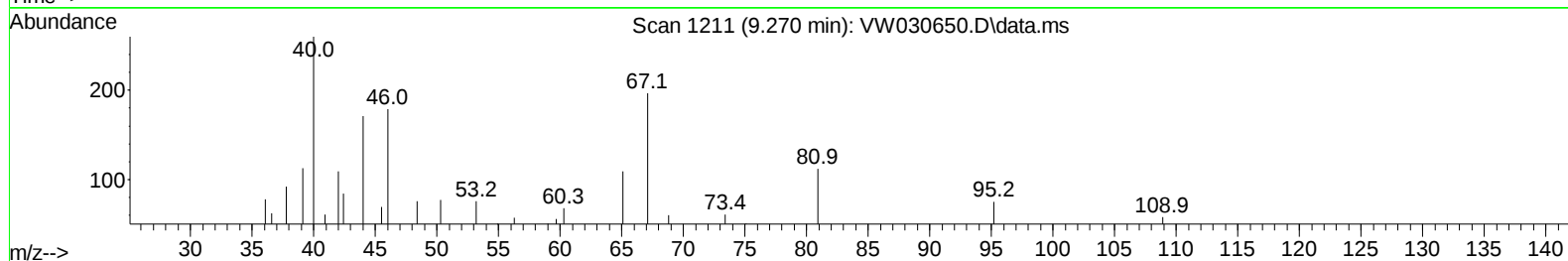
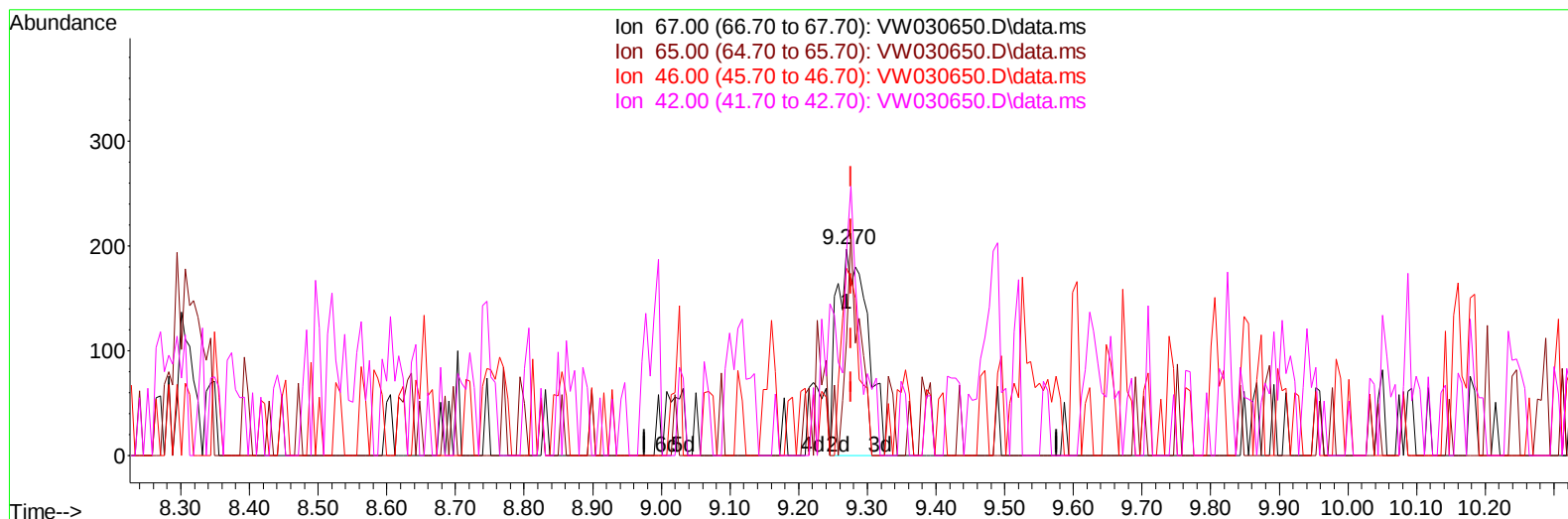
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 Data File : VW030650.D
 Acq On : 17 Oct 2024 19:47
 Operator : SY/MD
 Sample : P4414-21
 Misc : 4.78g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F82

Manual IntegrationsAPPROVED

Quant Time: Oct 18 01:45:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 18 01:38:16 2024
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TIC: VW030650.D\data.ms

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

9.270min (-0.006) 56.91 ug/L m

response 605

Ion	Exp%	Act%
67.00	100.00	100.00
65.00	62.90	29.09#
46.00	56.90	50.58
42.00	39.10	33.06

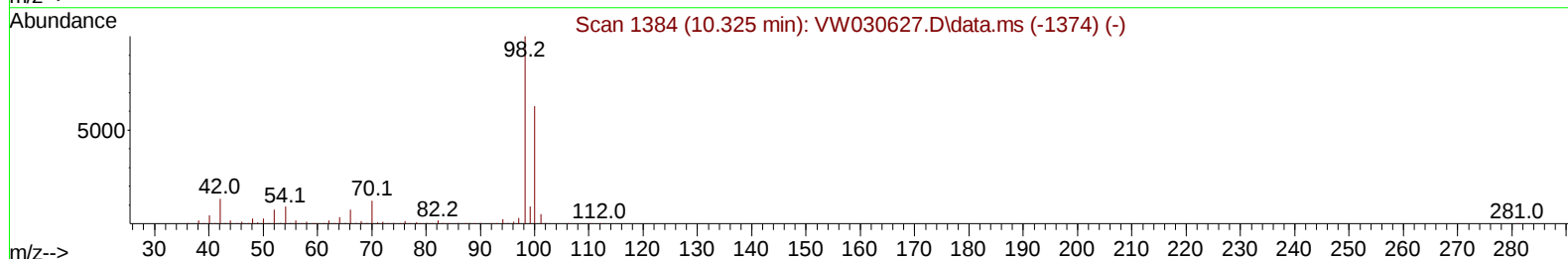
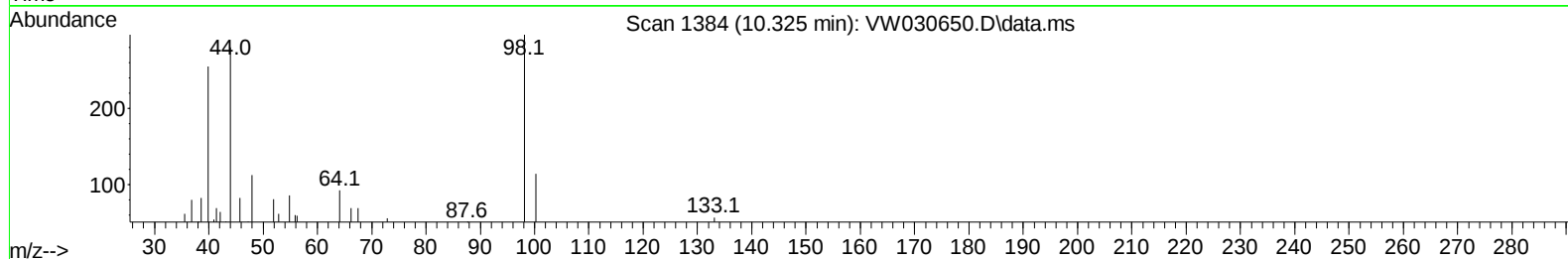
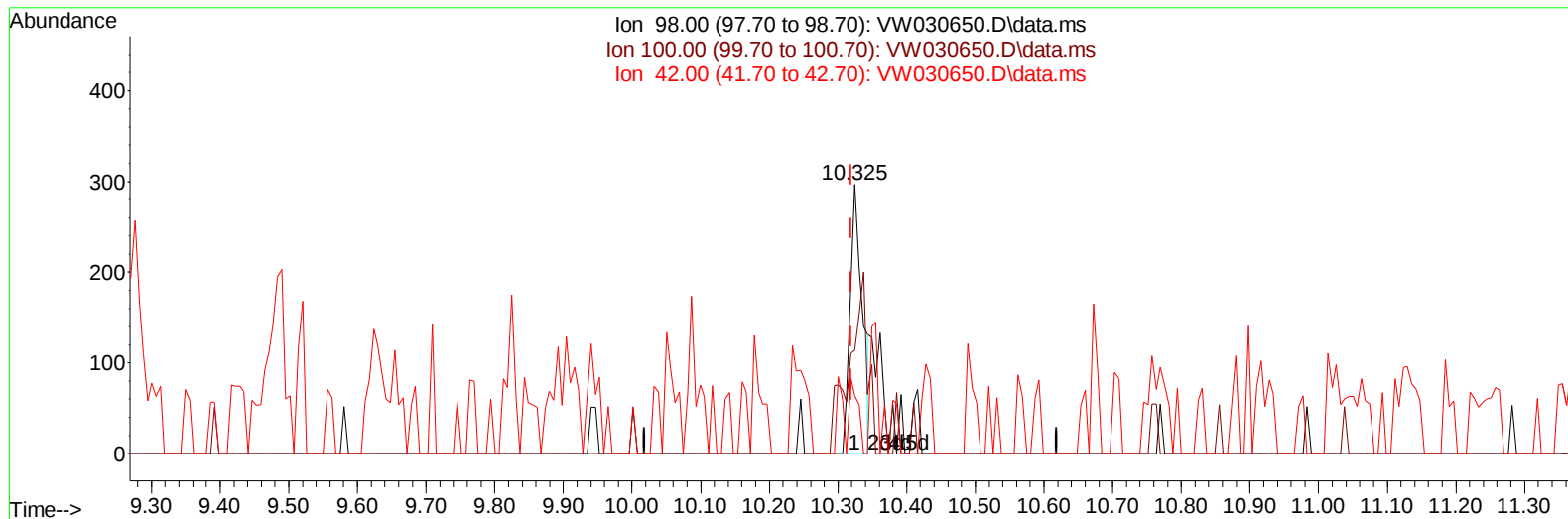
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Data File : VW030650.D
Acq On : 17 Oct 2024 19:47
Operator : SY/MD
Sample : P4414-21
Misc : 4.78g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4F82

Manual IntegrationsAPPROVED

Quant Time: Oct 28 02:38:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
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TIC: VW030650.D\data.ms

(41) Toluene-d8 (S)

10.325min (+ 0.006) 11.34 ug/L

response 375

Ion	Exp%	Act%
98.00	100.00	100.00
100.00	63.40	72.27
42.00	12.80	19.73#
0.00	0.00	0.00

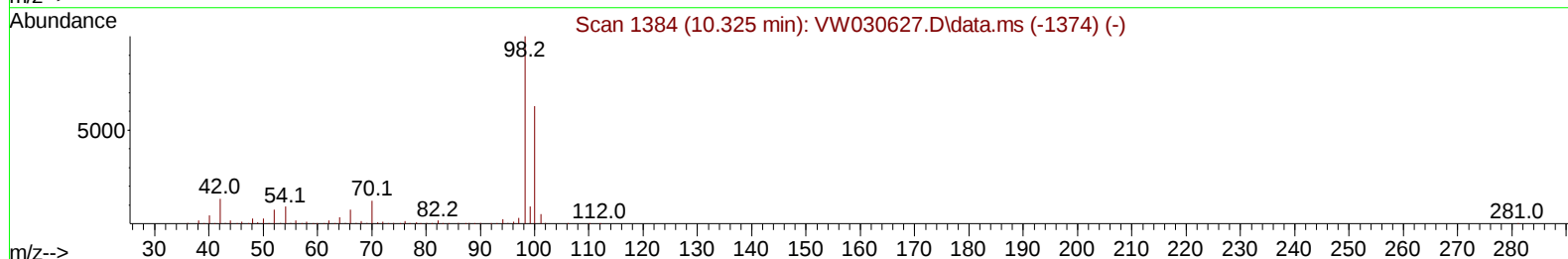
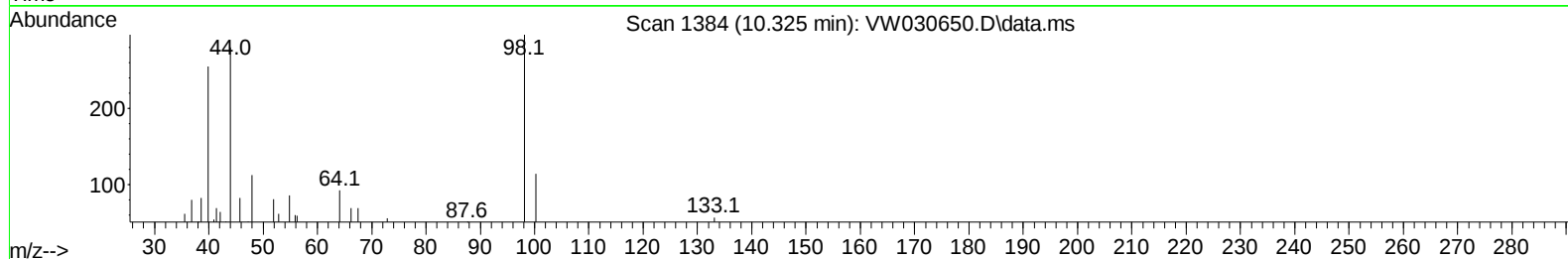
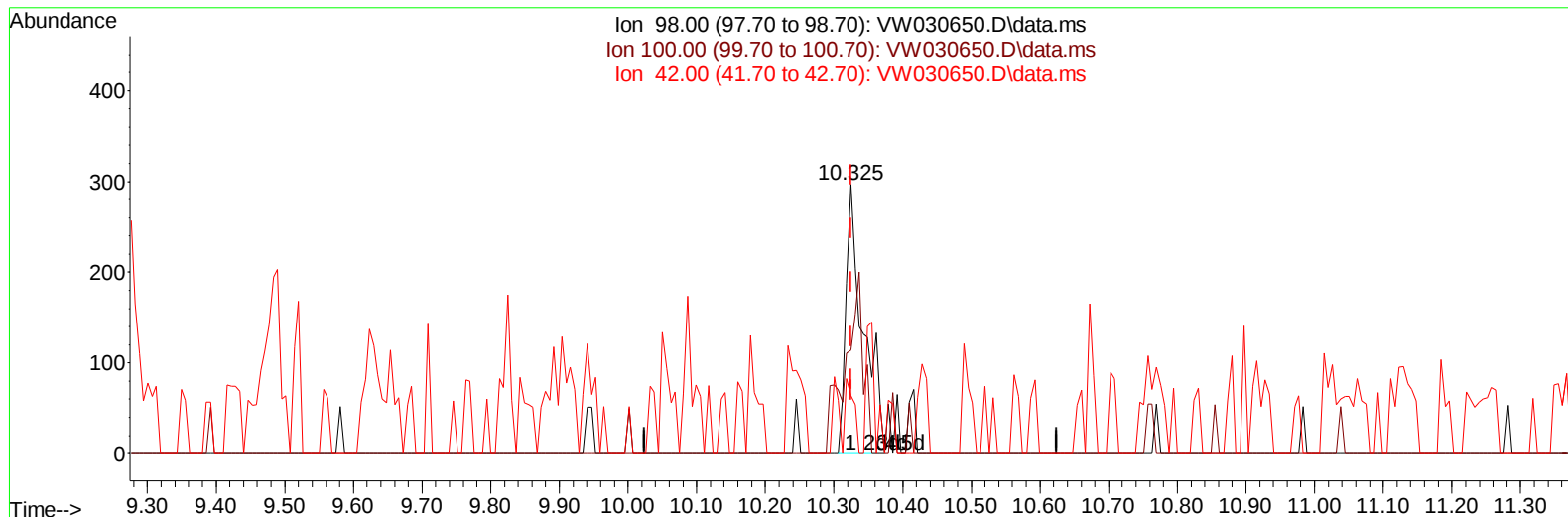
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101724\
Data File : VW030650.D
Acq On : 17 Oct 2024 19:47
Operator : SY/MD
Sample : P4414-21
Misc : 4.78g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4F82

Manual IntegrationsAPPROVED

Quant Time: Oct 18 01:45:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 18 01:38:16 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 10/18/2024
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TIC: VW030650.D\data.ms

(41) Toluene-d8 (S)

10.325min (+ 0.000) 15.76 ug/L m

response 521

Ion	Exp%	Act%
98.00	100.00	100.00
100.00	63.40	52.02
42.00	12.80	14.20
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw101724\
 Data File : VW030650.D
 Acq On : 17 Oct 2024 19:47
 Operator : SY/MD
 Sample : P4414-21
 Misc : 4.78g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F82

Manual IntegrationsAPPROVED

Quant Time: Oct 18 01:45:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
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 QLast Update : Fri Oct 18 01:38:16 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 10/18/2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Difluorobenzene	8.849	114		999	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.641	117		624	25.000	ug/L	# 0.01
58) 1,4-Dichlorobenzene-d4	13.562	152		69	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.369	65		313	19.933	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery	=	79.720%	
7) Chloroethane-d5	2.899	69		218m	18.340	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery	=	73.360%	
11) 1,1-Dichloroethene-d2	4.021	65		146	22.354	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110		Recovery	=	89.400%	
21) 2-Butanone-d5	0.000	46		0d	0.000	ug/L	
Spiked Amount 50.000	Range 20	- 135		Recovery	=	0.000%#	
24) Chloroform-d	7.642	84		808m	28.282	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150		Recovery	=	113.120%	
26) 1,2-Dichloroethane-d4	8.294	65		441m	29.685	ug/L	-0.01
Spiked Amount 25.000	Range 70	- 130		Recovery	=	118.720%	
32) Benzene-d6	8.276	84		914m	25.237	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135		Recovery	=	100.960%	
36) 1,2-Dichloropropane-d6	9.270	67		605m	56.914	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120		Recovery	=	227.640%#	
41) Toluene-d8	10.325	98		521m	15.758	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130		Recovery	=	63.040%	
43) trans-1,3-Dichloroprop...	0.000	79		0d	0.000	ug/L	
Spiked Amount 25.000	Range 30	- 135		Recovery	=	0.000%#	
47) 2-Hexanone-d5	0.000	63		0d	0.000	ug/L	
Spiked Amount 50.000	Range 20	- 135		Recovery	=	0.000%#	
56) 1,1,2,2-Tetrachloroeth...	12.702	84		192	24.594	ug/L	0.01
Spiked Amount 25.000	Range 45	- 120		Recovery	=	98.360%	
66) 1,2-Dichlorobenzene-d4	0.000	152		0d	0.000	ug/L	
Spiked Amount 25.000	Range 75	- 120		Recovery	=	0.000%#	

Target Compounds Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101724\
Data File : VW030650.D
Acq On : 17 Oct 2024 19:47
Operator : SY/MD
Sample : P4414-21
Misc : 4.78g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4F82

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 10/18/2024
Supervised By :Semsettin Yesilyurt 10/18/2024

Quant Time: Oct 18 01:45:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 18 01:38:16 2024
Response via : Initial Calibration

