

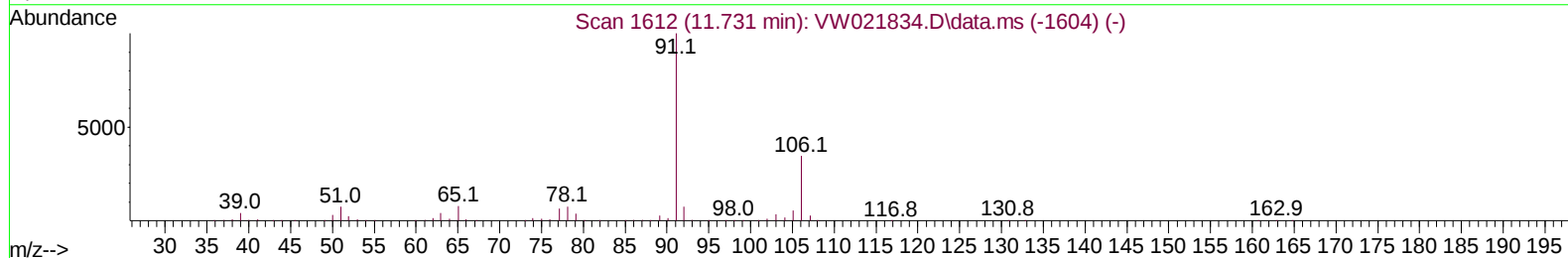
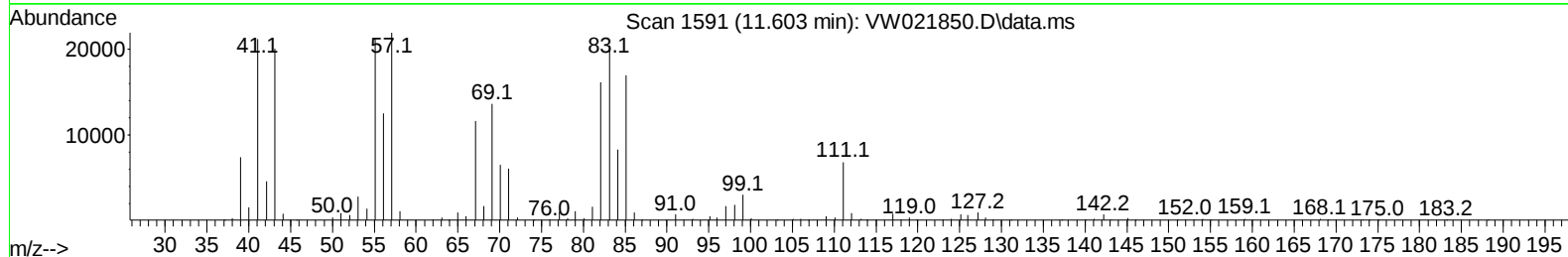
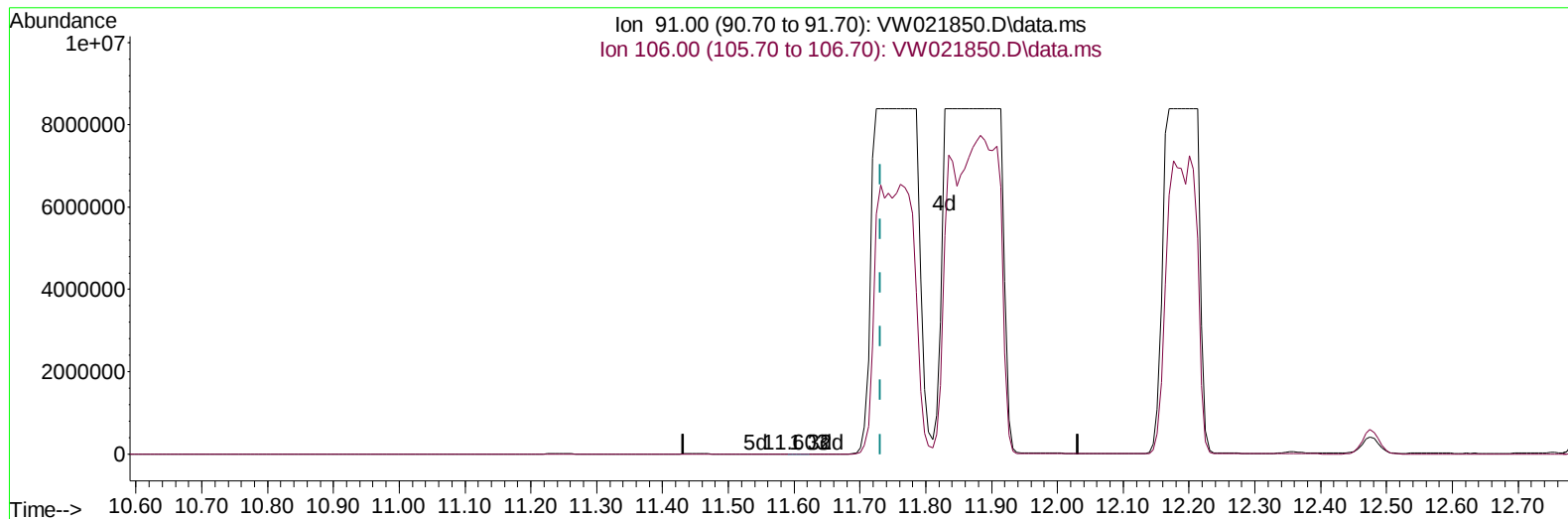
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021850.D
 Acq On : 11 Jan 2022 22:32
 Operator : SY/VA
 Sample : N1084-09
 Misc : 6.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLN2

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021850.D\data.ms

(52) Ethylbenzene (T)

11.603min (-0.128) 0.05 ug/L

response 254

Ion	Exp%	Act%
91.00	100.00	100.00
106.00	30.70	26.33
0.00	0.00	0.00
0.00	0.00	0.00

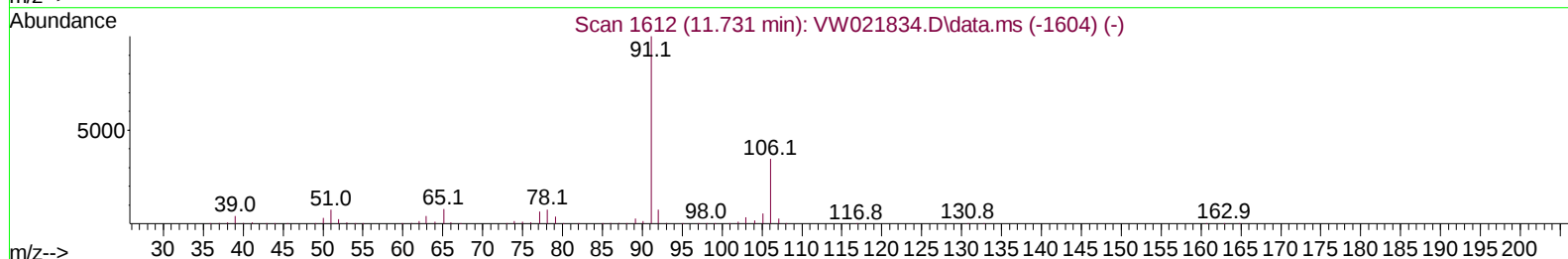
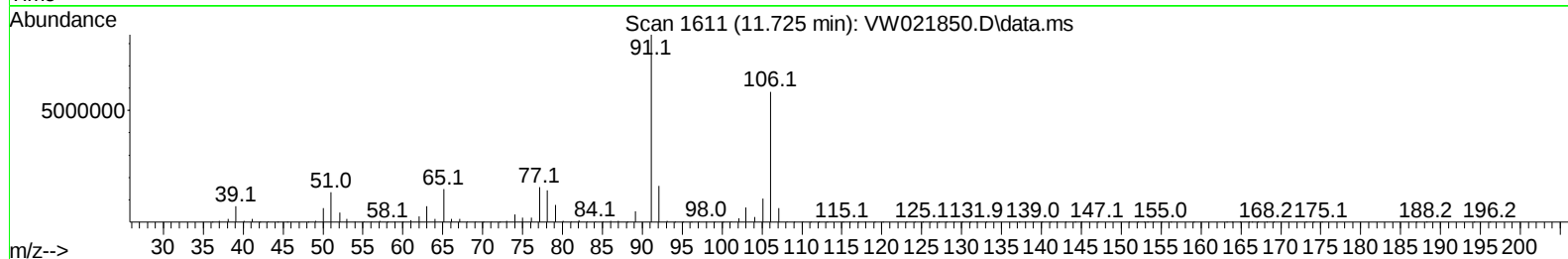
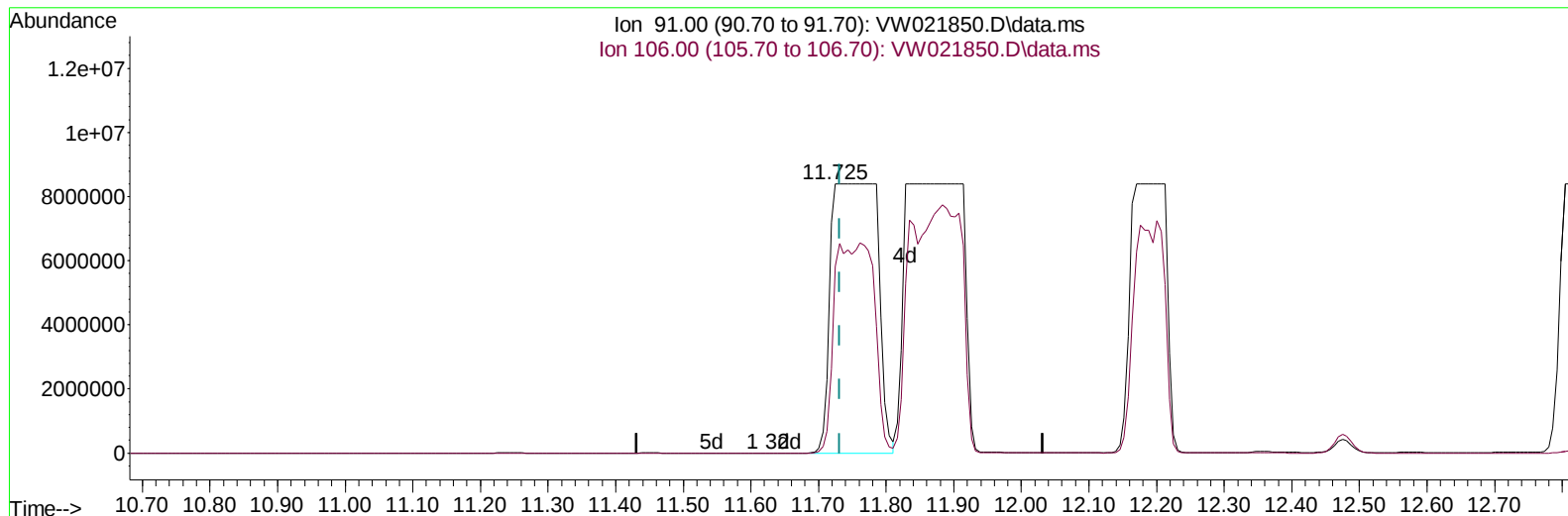
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021850.D
 Acq On : 11 Jan 2022 22:32
 Operator : SY/VA
 Sample : N1084-09
 Misc : 6.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLN2

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021850.D\data.ms

(52) Ethylbenzene (T)

11.725min (-0.006) 7240.20 ug/L m

response 39963093

Ion	Exp%	Act%
91.00	100.00	100.00
106.00	30.70	69.53#
0.00	0.00	0.00
0.00	0.00	0.00

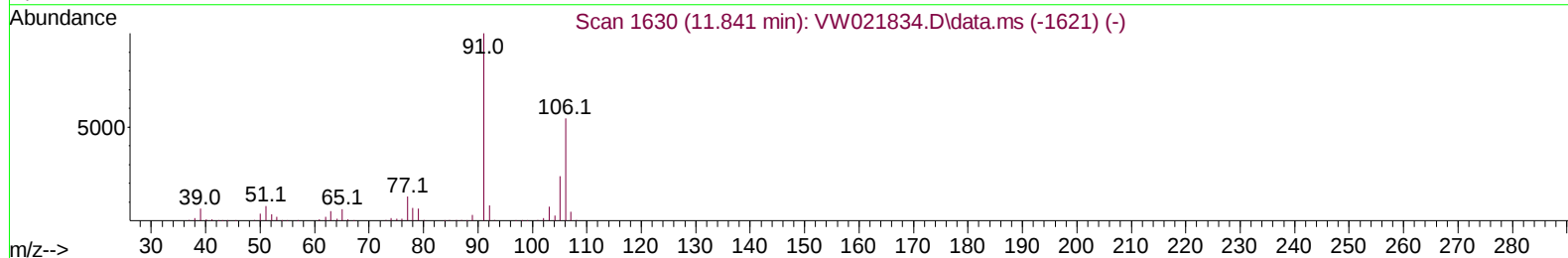
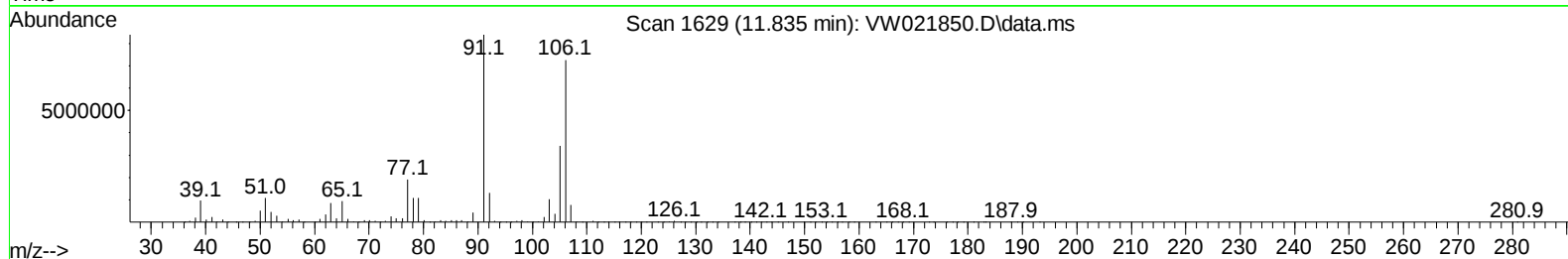
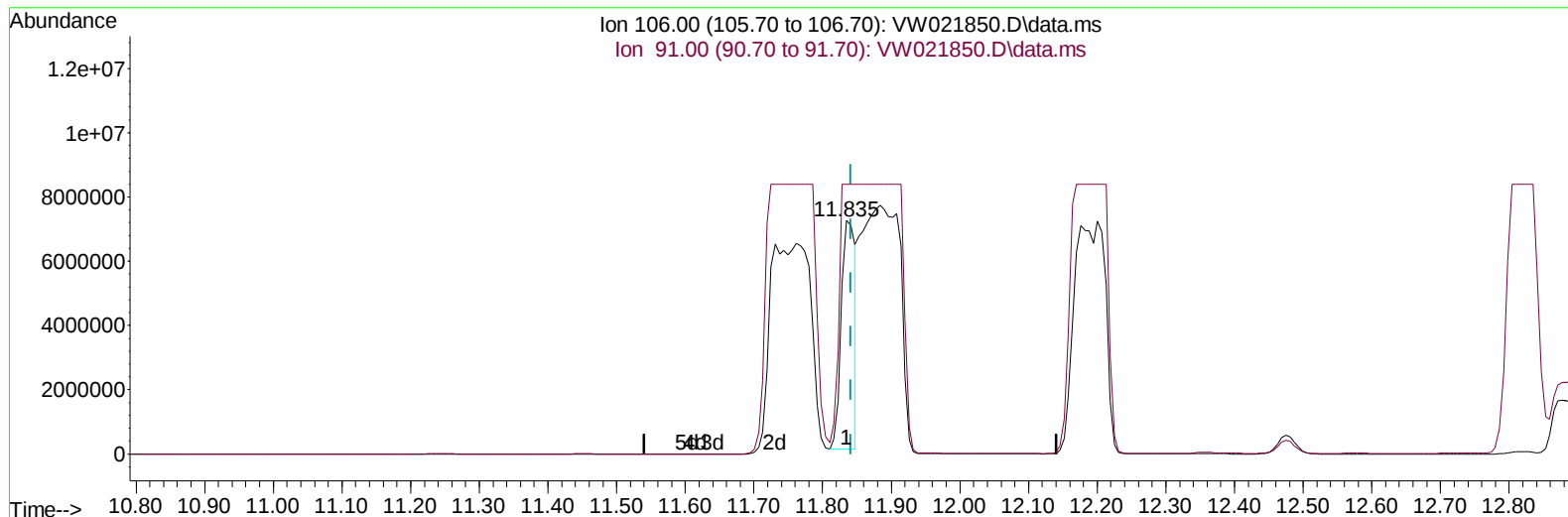
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021850.D
 Acq On : 11 Jan 2022 22:32
 Operator : SY/VA
 Sample : N1084-09
 Misc : 6.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLN2

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021850.D\data.ms

(53) m,p-Xylene (T)

11.835min (-0.006) 4346.18 ug/L

response 10031209

Ion	Exp%	Act%
106.00	100.00	100.00
91.00	214.10	115.51#
0.00	0.00	0.00
0.00	0.00	0.00

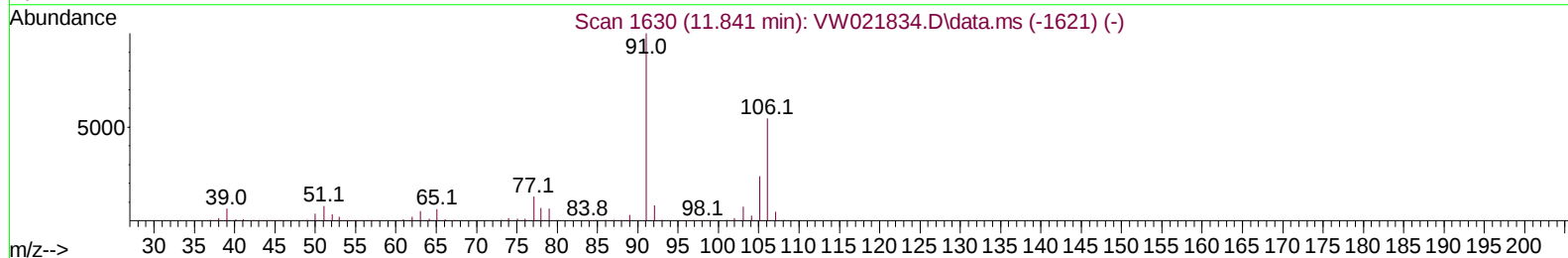
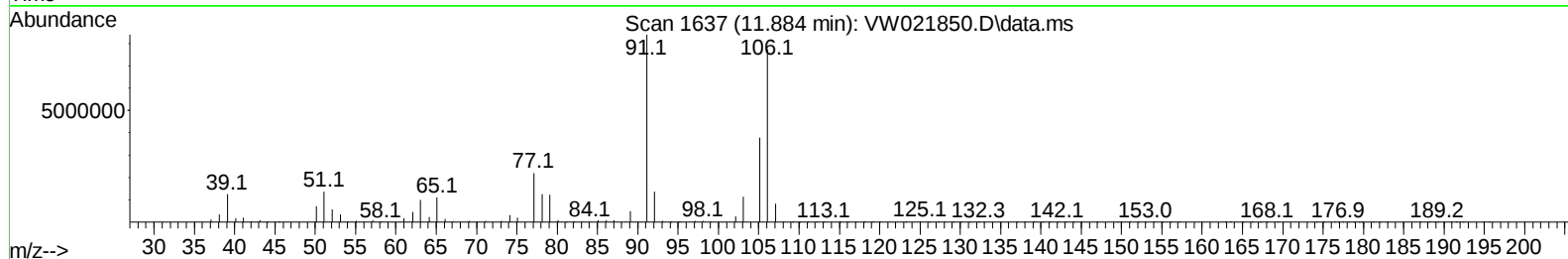
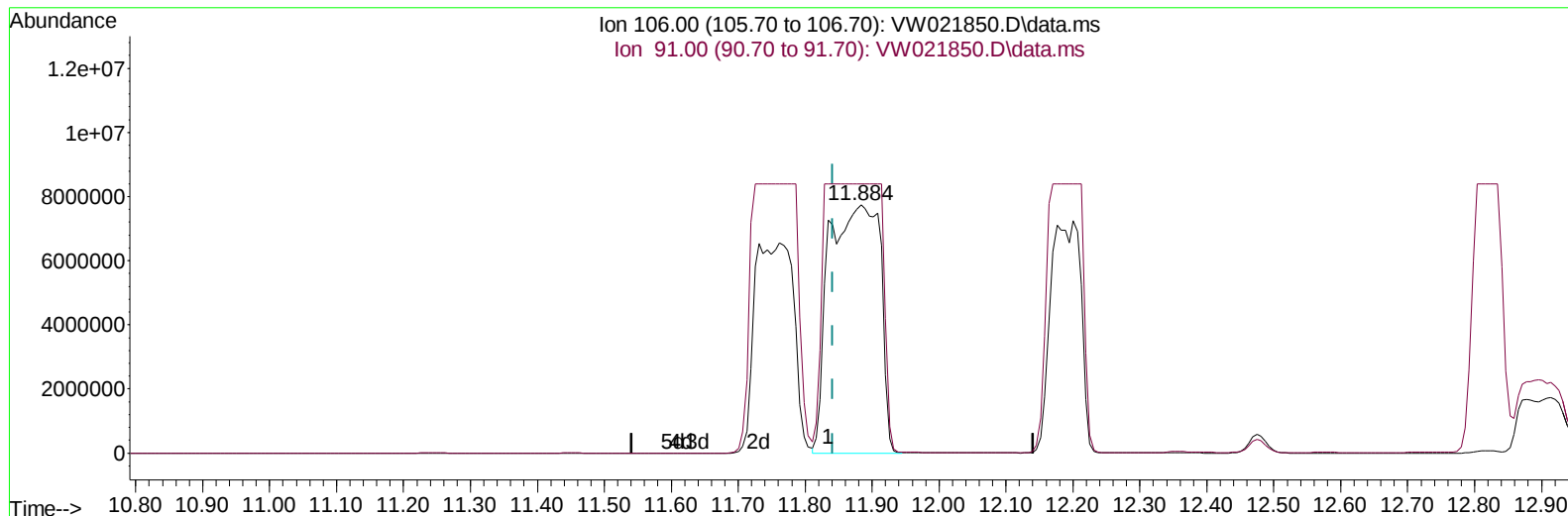
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021850.D
 Acq On : 11 Jan 2022 22:32
 Operator : SY/VA
 Sample : N1084-09
 Misc : 6.05g/10mL/MSVOA_W/SoIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLN2

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 00:53:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration



TIC: VW021850.D\data.ms

(53) m,p-Xylene (T)

11.884min (+ 0.042) 17648.89 ug/L m

response 40734573

Ion	Exp%	Act%
106.00	100.00	100.00
91.00	214.10	108.40#
0.00	0.00	0.00
0.00	0.00	0.00

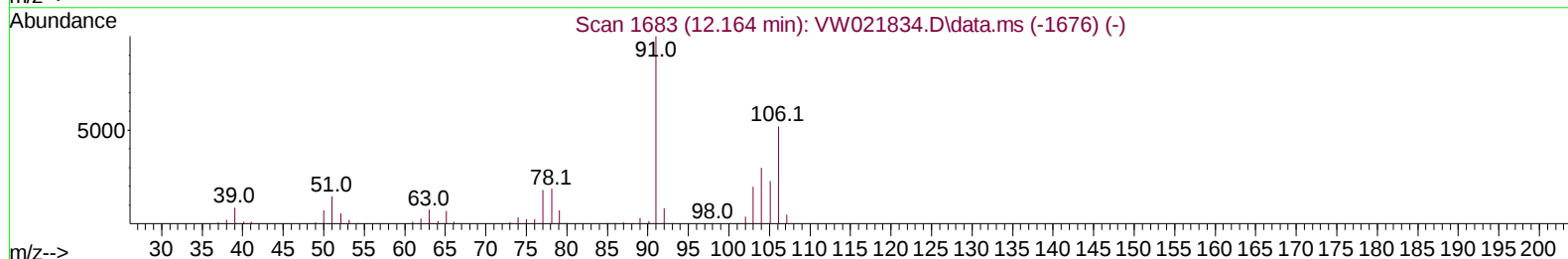
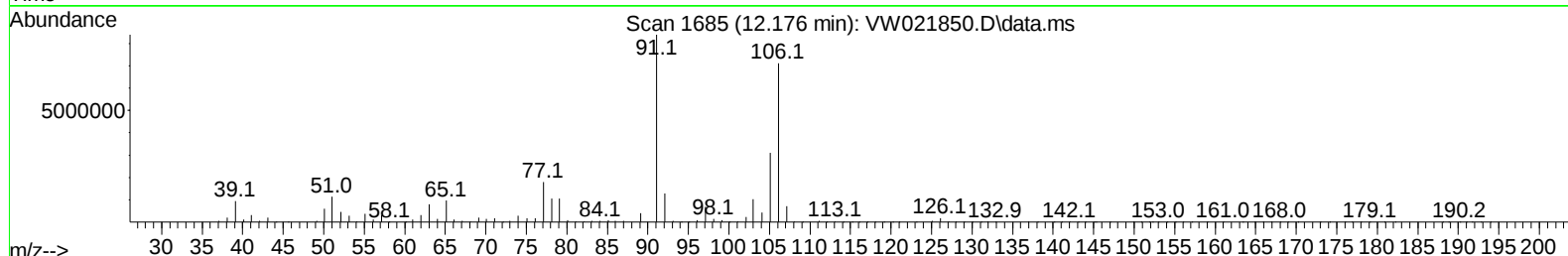
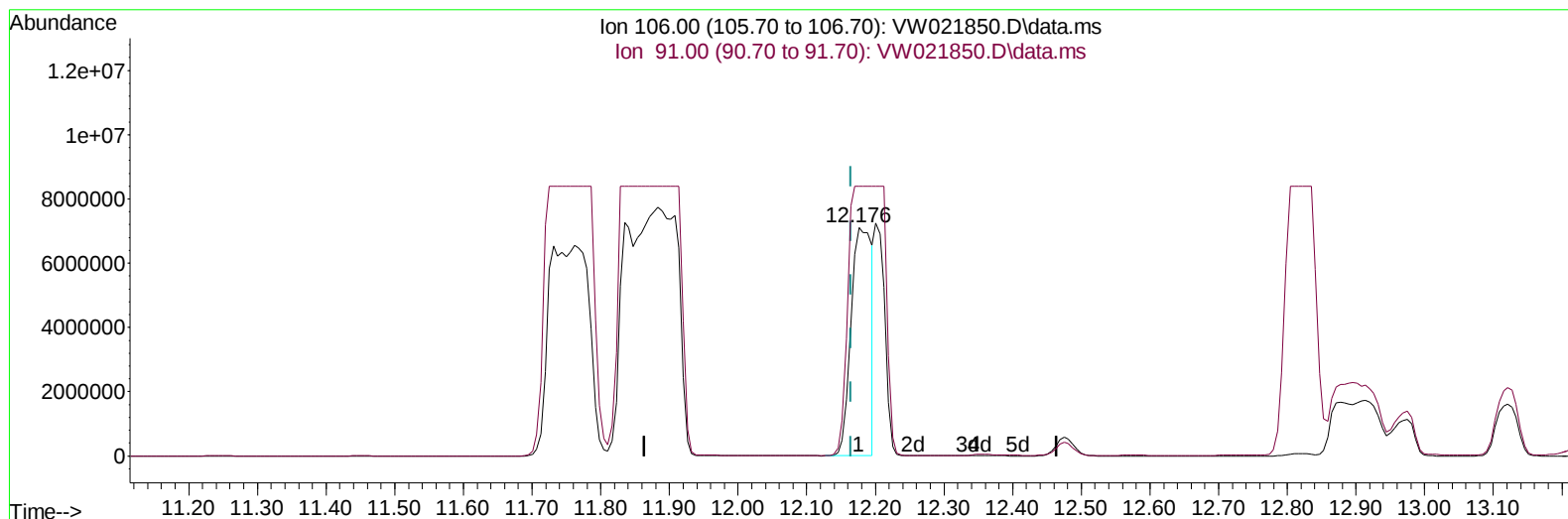
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021850.D
 Acq On : 11 Jan 2022 22:32
 Operator : SY/VA
 Sample : N1084-09
 Misc : 6.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLN2

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 00:53:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration



TIC: VW021850.D\data.ms

(54) o-Xylene (T)

12.176min (+ 0.012) 6881.40 ug/L

response 14744984

Ion	Exp%	Act%
106.00	100.00	100.00
91.00	219.50	117.82#
0.00	0.00	0.00
0.00	0.00	0.00

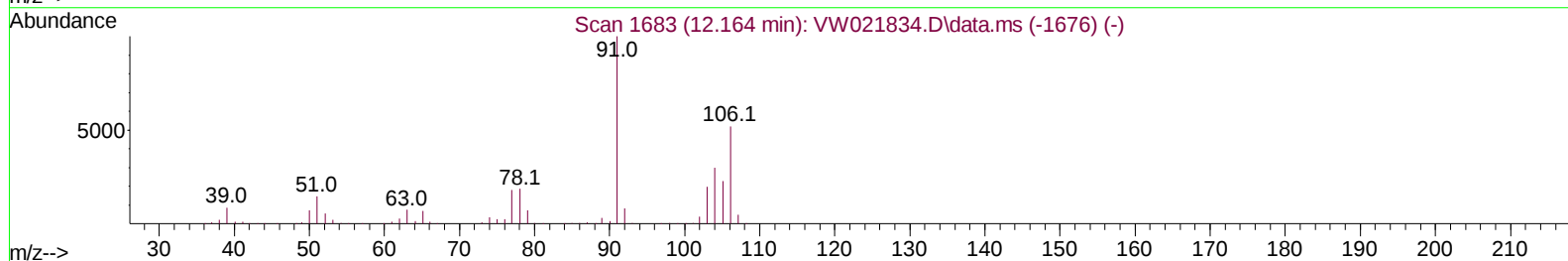
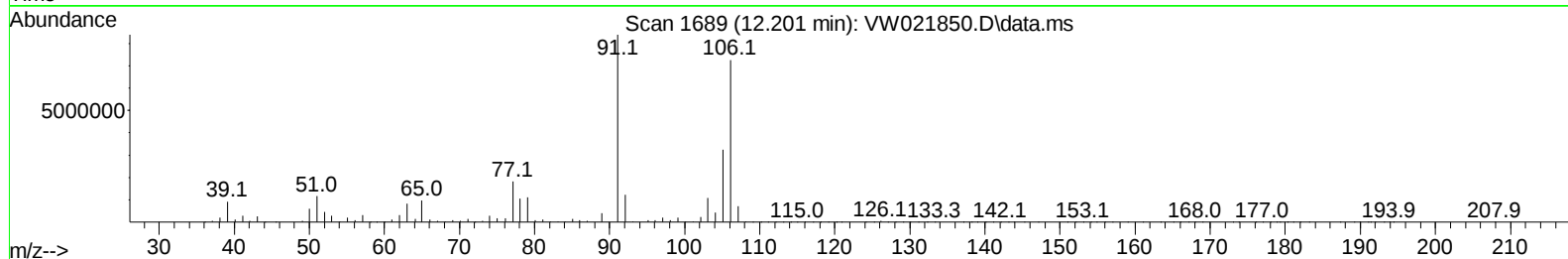
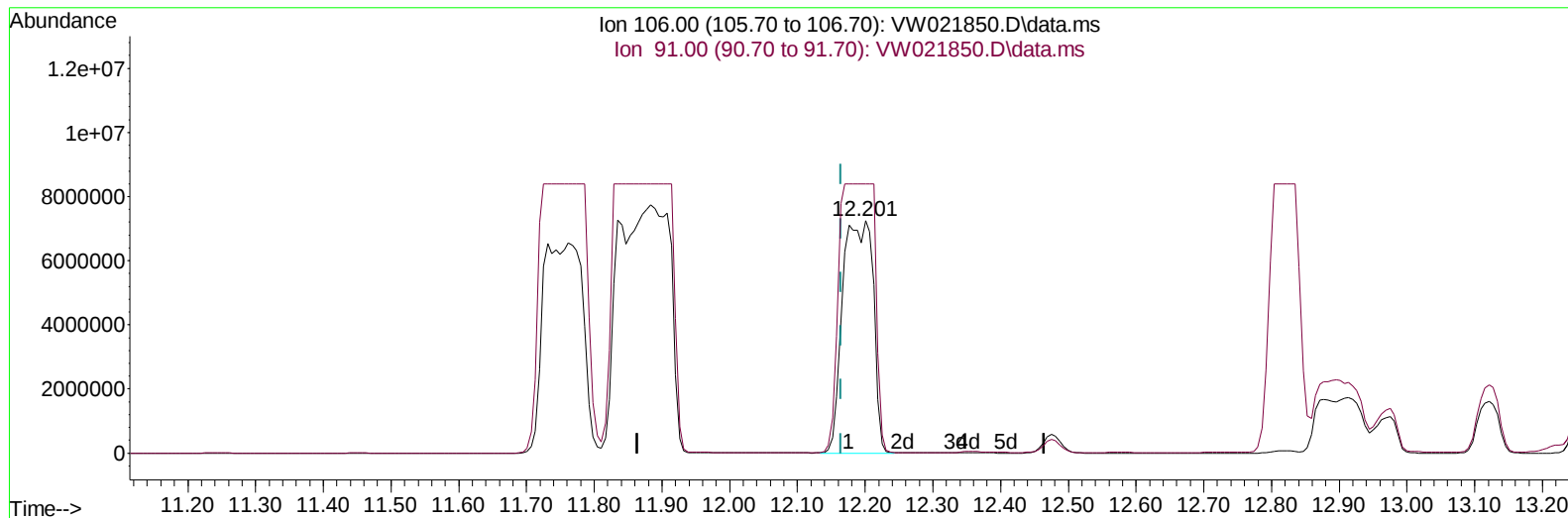
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021850.D
 Acq On : 11 Jan 2022 22:32
 Operator : SY/VA
 Sample : N1084-09
 Misc : 6.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLN2

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 00:53:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration



TIC: VW021850.D\data.ms

(54) o-Xylene (T)

12.201min (+ 0.036) 10545.07 ug/L m

response 22595227

Ion	Exp%	Act%
106.00	100.00	100.00
91.00	219.50	115.66#
0.00	0.00	0.00
0.00	0.00	0.00

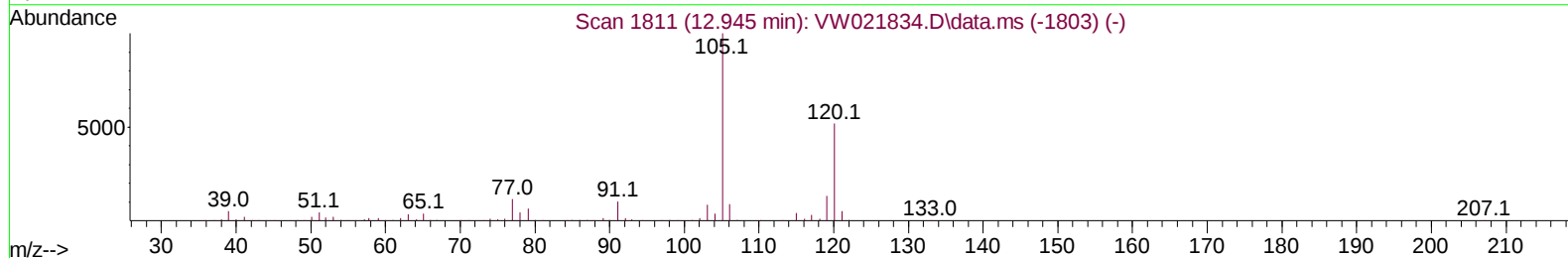
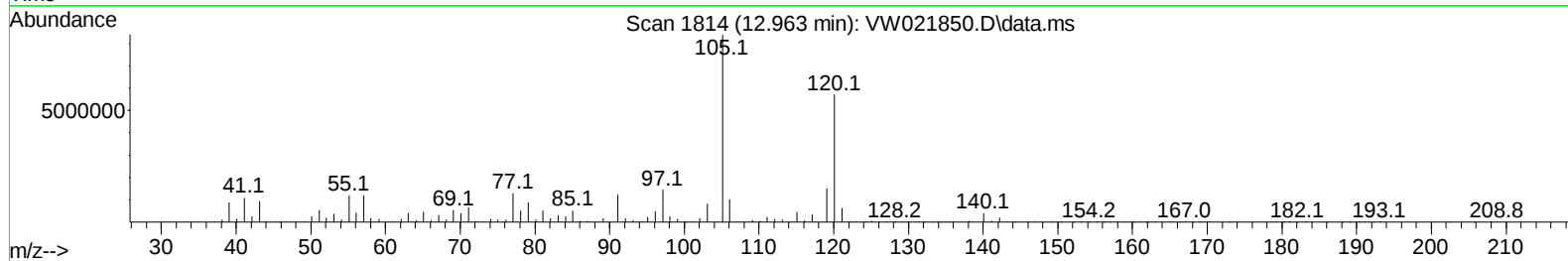
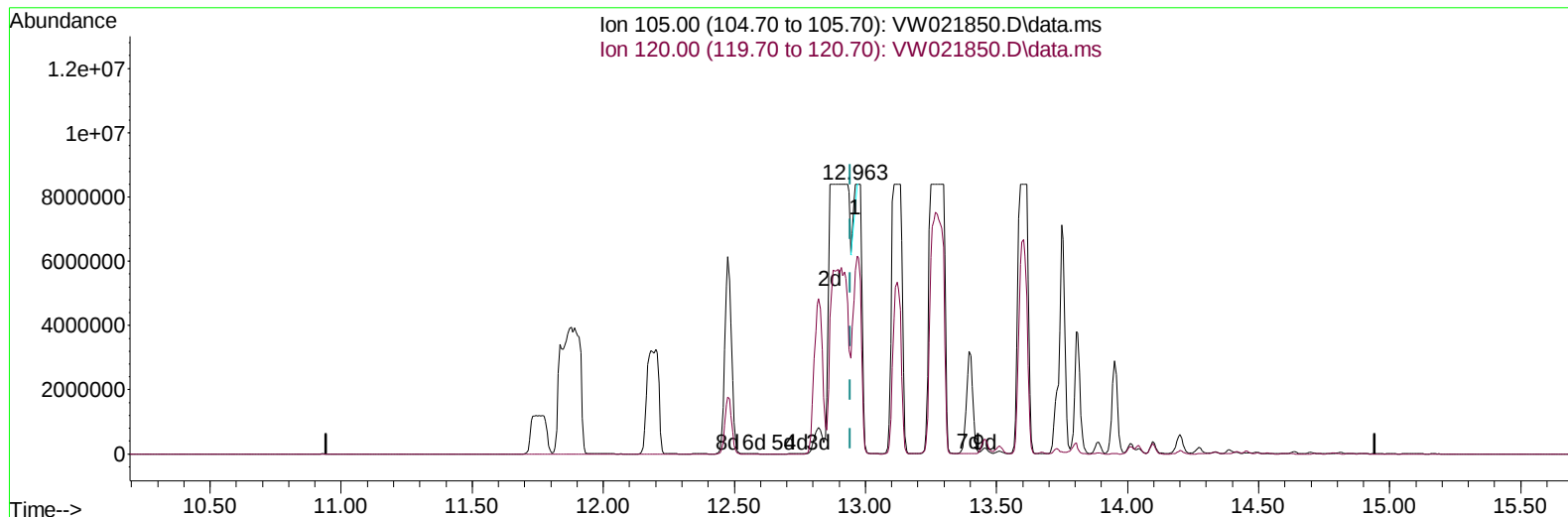
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021850.D
Acq On : 11 Jan 2022 22:32
Operator : SY/VA
Sample : N1084-09
Misc : 6.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN2

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 00:53:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 12 00:49:08 2022
Response via : Initial Calibration



TIC: VW021850.D\data.ms

(62) 1,3,5-Trimethylbenzene

12.963min (+ 0.018) 45.99 ug/L

response 861789

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	46.80	1544.88#
0.00	0.00	0.00
0.00	0.00	0.00

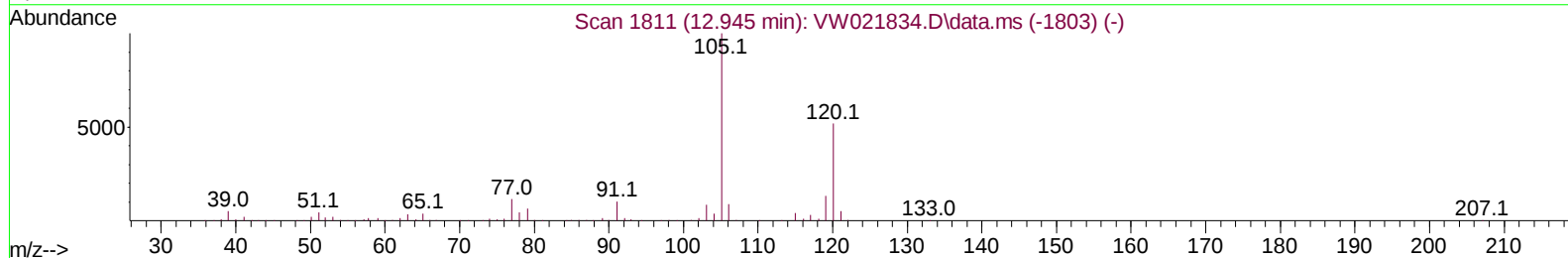
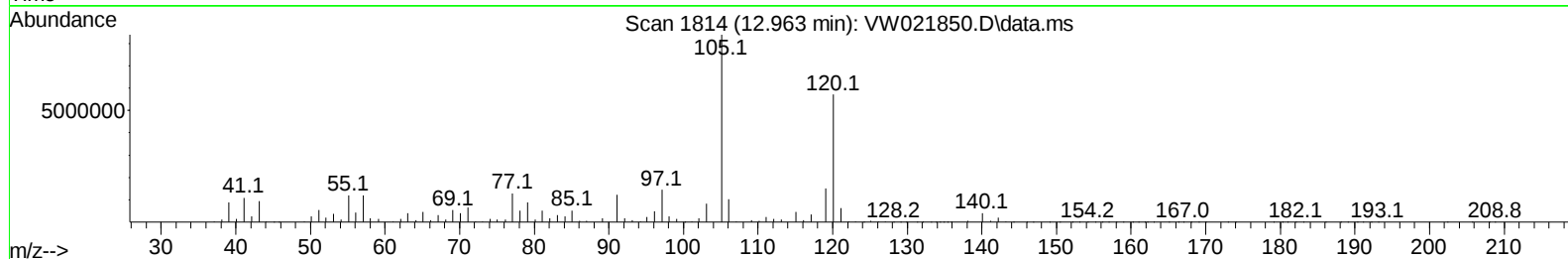
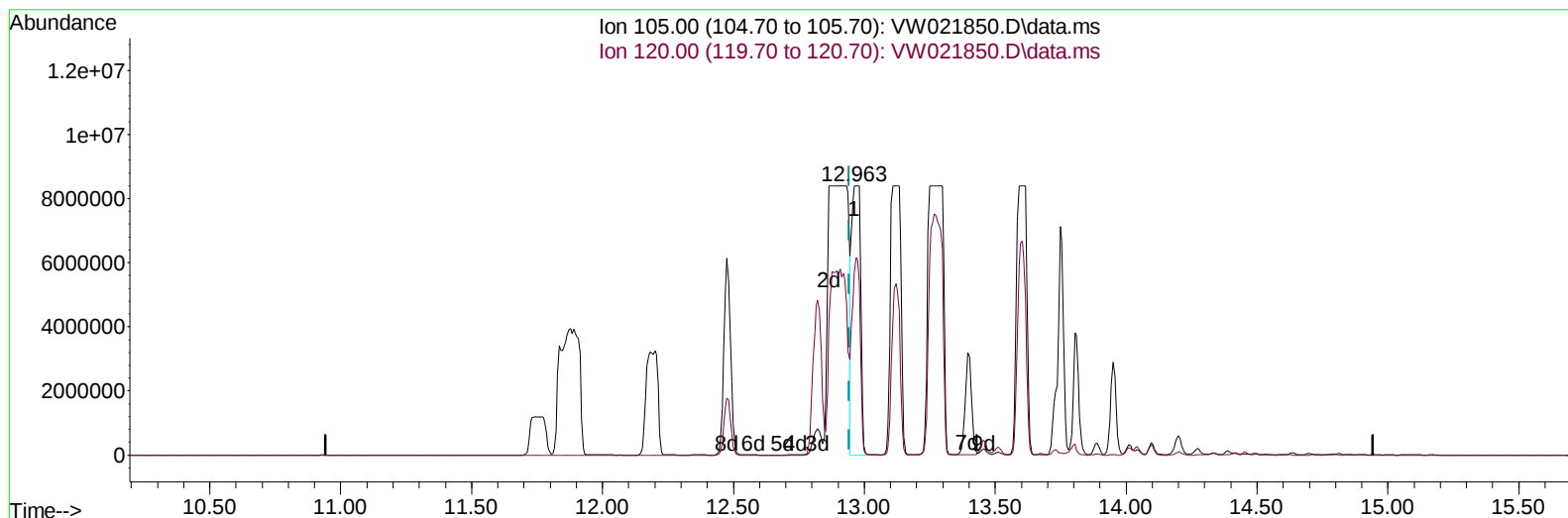
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021850.D
 Acq On : 11 Jan 2022 22:32
 Operator : SY/VA
 Sample : N1084-09
 Misc : 6.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLN2

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021850.D\data.ms

(62) 1,3,5-Trimethylbenzene

12.963min (+ 0.018) 1090.87 ug/L m

response 20441706

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	46.80	65.13#
0.00	0.00	0.00
0.00	0.00	0.00

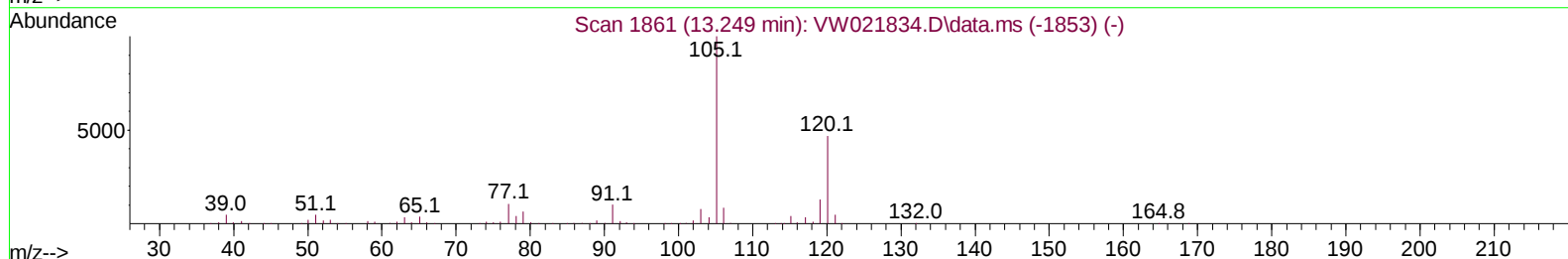
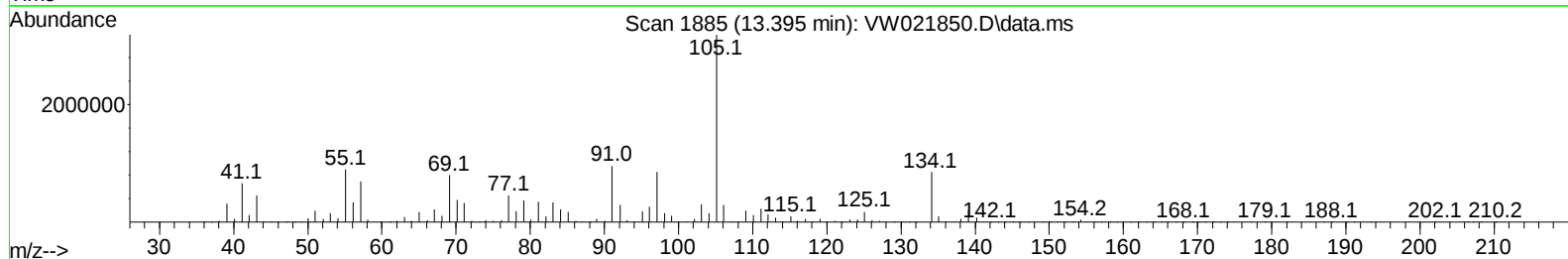
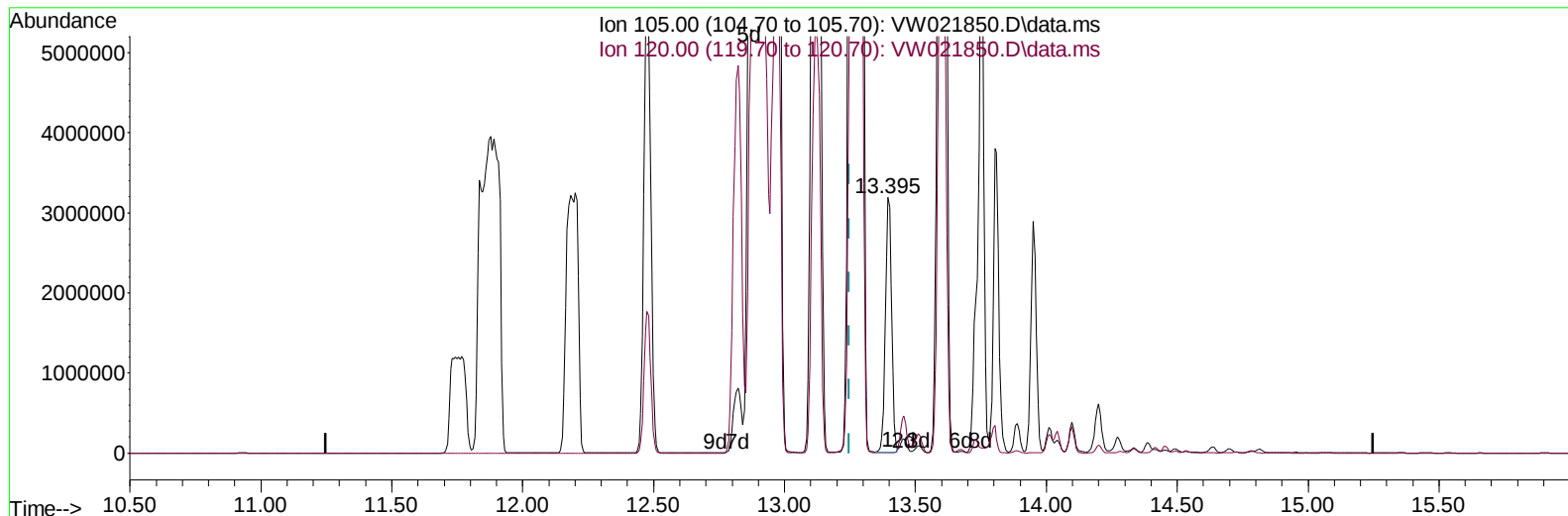
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021850.D
Acq On : 11 Jan 2022 22:32
Operator : SY/VA
Sample : N1084-09
Misc : 6.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN2

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 12 00:49:08 2022
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021850.D\data.ms

(63) 1,2,4-Trimethylbenzene

13.395min (+ 0.146) 284.31 ug/L

response 5254452

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	43.80	0.33#
0.00	0.00	0.00
0.00	0.00	0.00

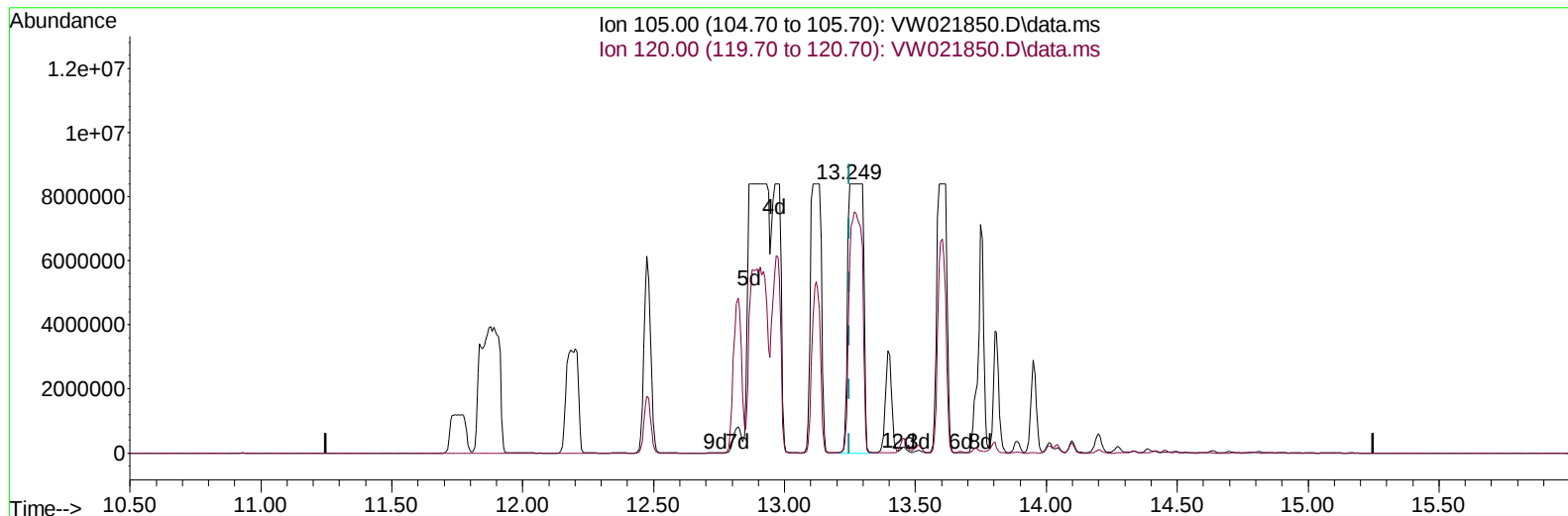
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 Data File : VW021850.D
 Acq On : 11 Jan 2022 22:32
 Operator : SY/VA
 Sample : N1084-09
 Misc : 6.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLN2

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022



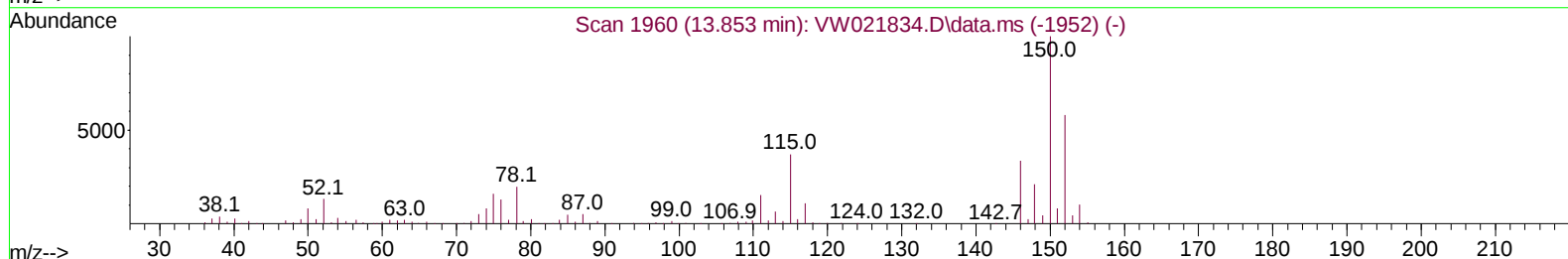
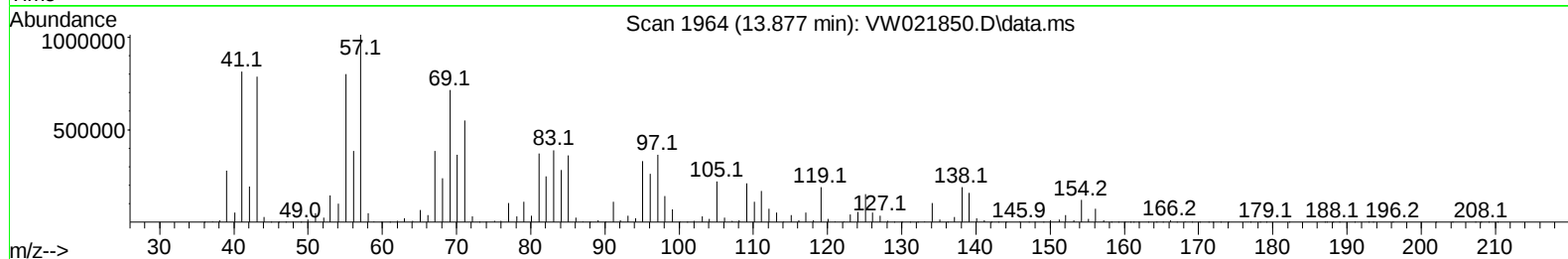
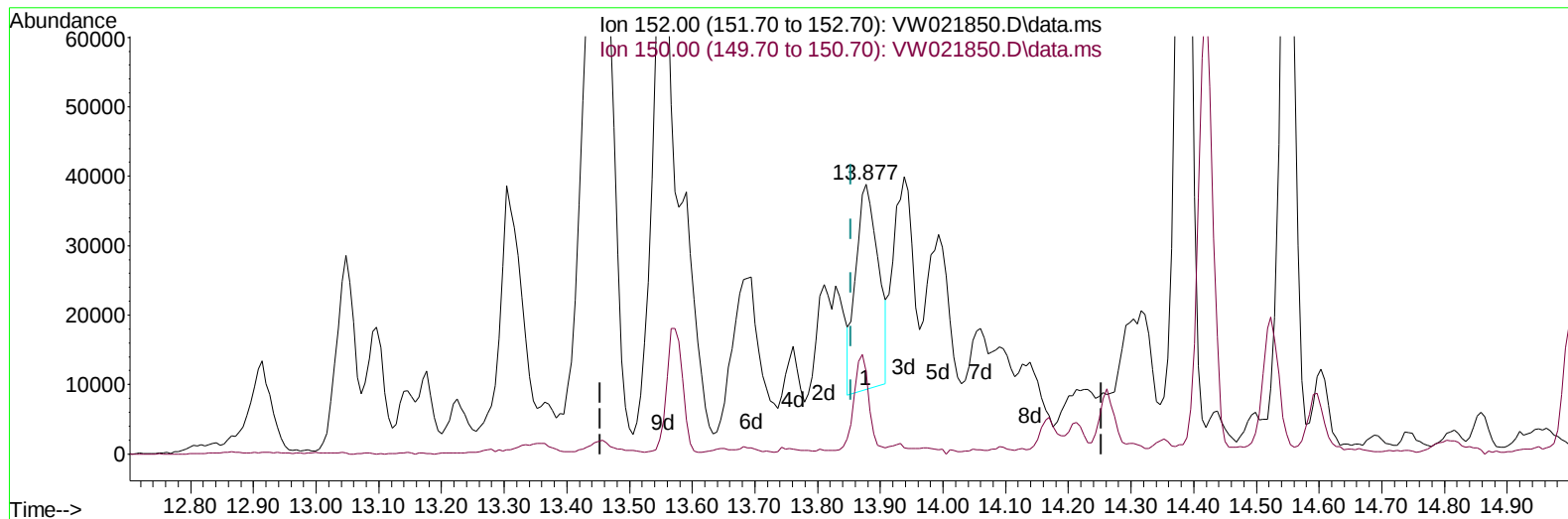
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Data File : VW021850.D
Acq On : 11 Jan 2022 22:32
Operator : SY/VA
Sample : N1084-09
Misc : 6.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN2

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 12 00:49:08 2022
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021850.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

13.877min (+ 0.024) 10.75 ug/L

response 73486

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	172.50	30.81#
0.00	0.00	0.00
0.00	0.00	0.00

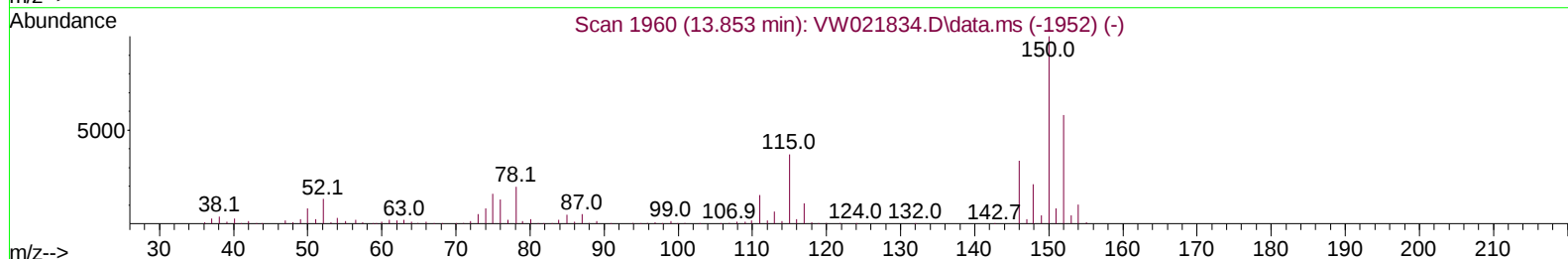
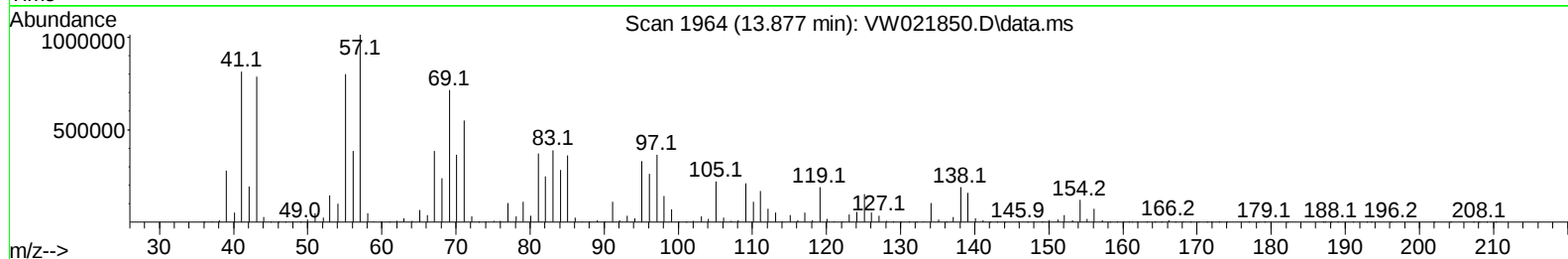
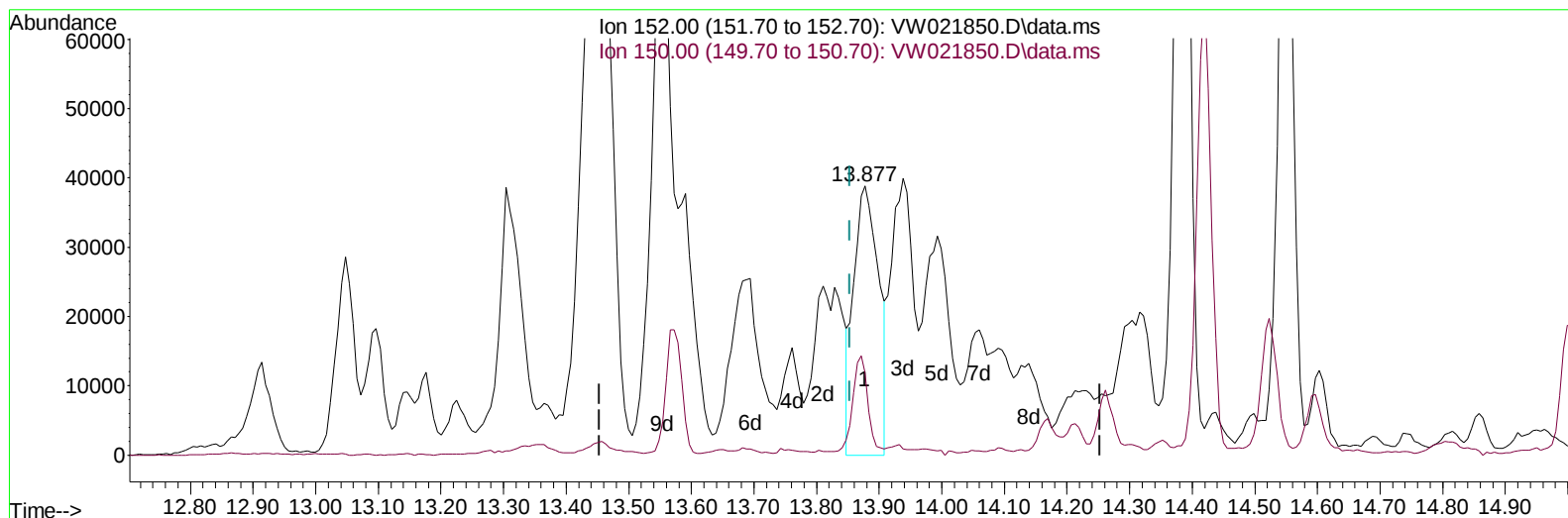
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021850.D
 Acq On : 11 Jan 2022 22:32
 Operator : SY/VA
 Sample : N1084-09
 Misc : 6.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLN2

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 00:53:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration



TIC: VW021850.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

13.877min (+ 0.024) 15.72 ug/L m

response 107443

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	172.50	21.07#
0.00	0.00	0.00
0.00	0.00	0.00

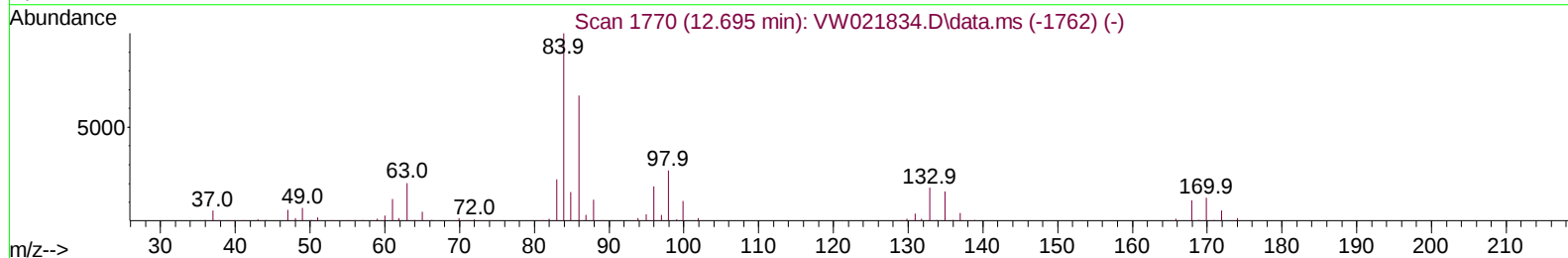
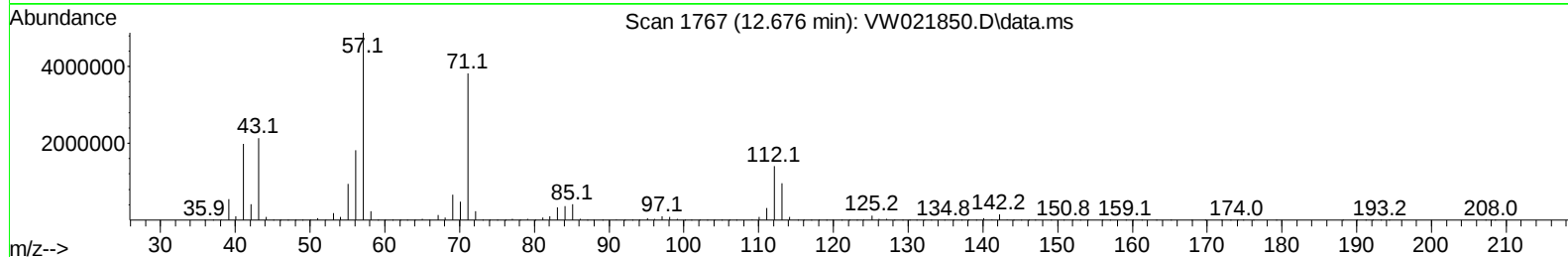
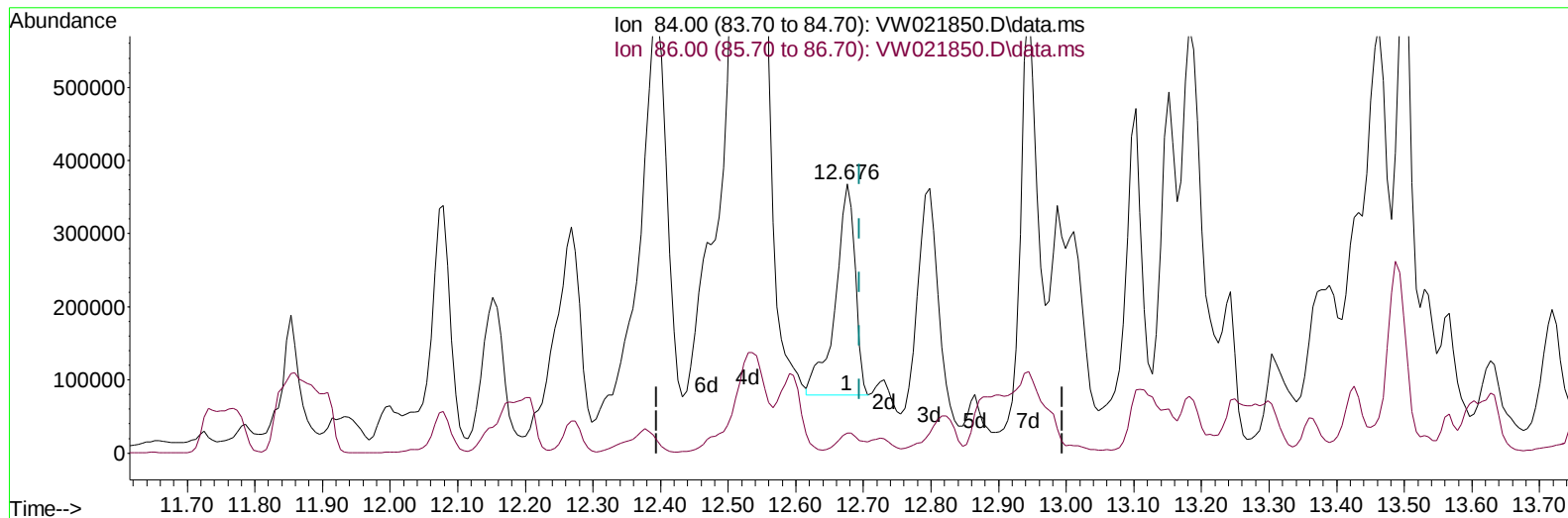
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021850.D
Acq On : 11 Jan 2022 22:32
Operator : SY/VA
Sample : N1084-09
Misc : 6.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN2

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 12 00:49:08 2022
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021850.D\data.ms

(56) 1,1,2,2-Tetrachloroethane-d2 (S)

12.676min (-0.019) 609.72 ug/L

response 589117

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	63.90	9.35#
0.00	0.00	0.00
0.00	0.00	0.00

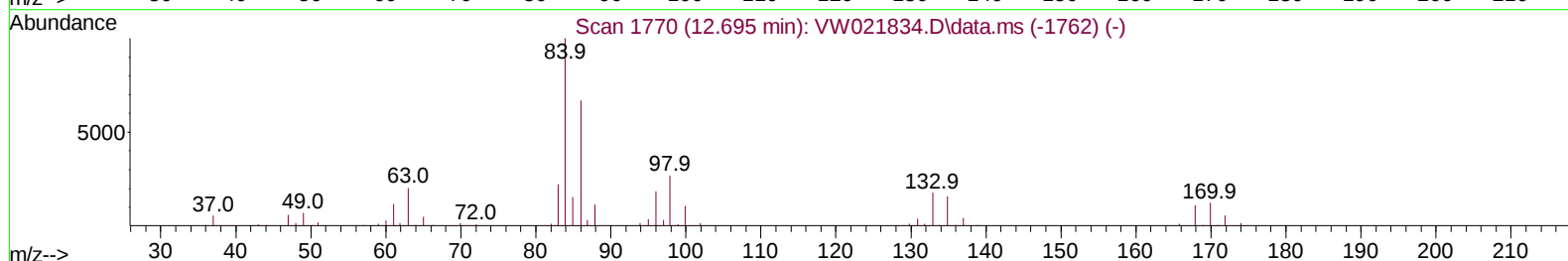
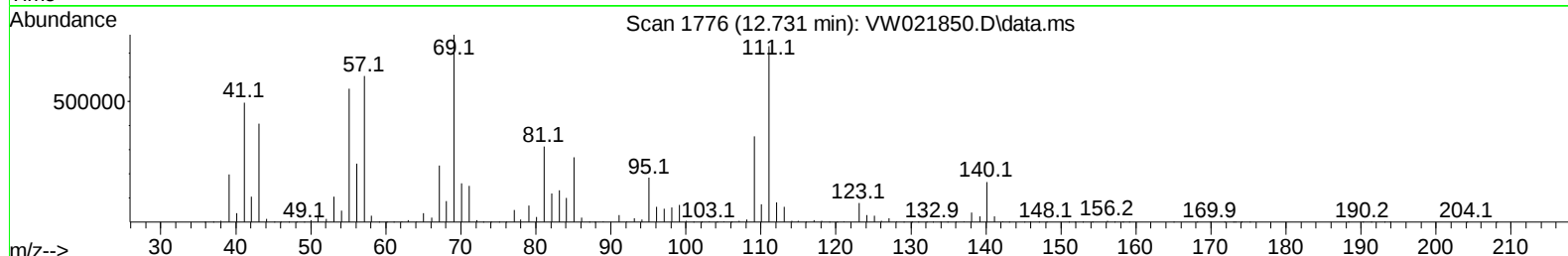
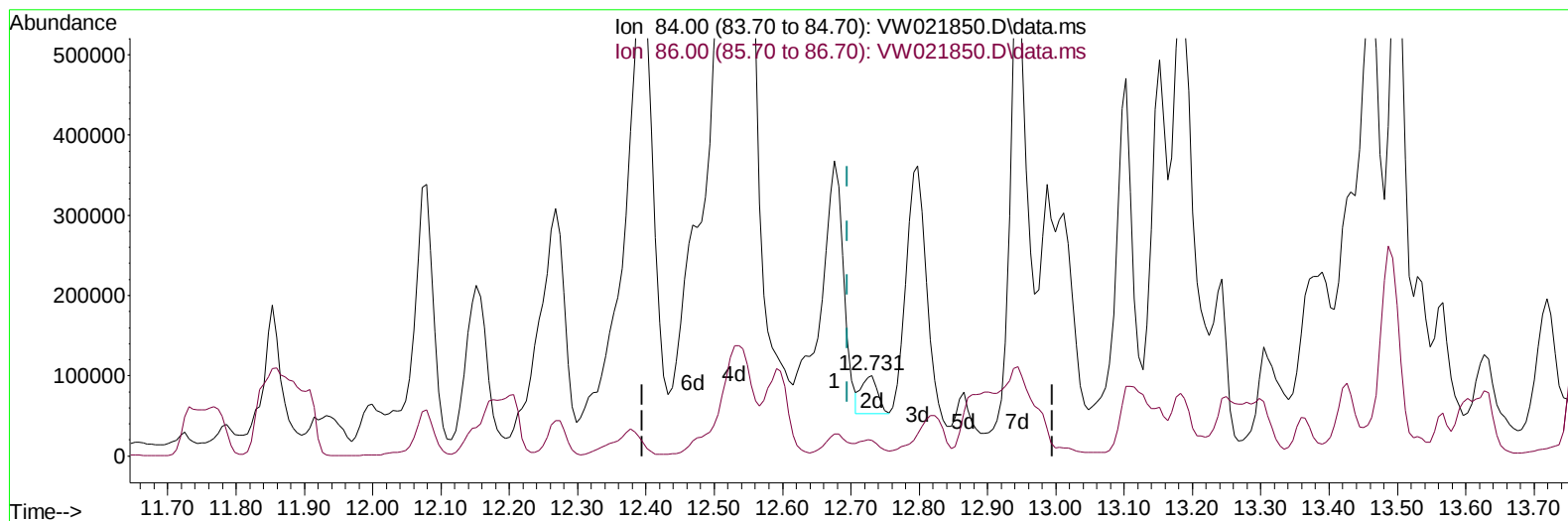
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
Data File : VW021850.D
Acq On : 11 Jan 2022 22:32
Operator : SY/VA
Sample : N1084-09
Misc : 6.05g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLN2

Manual IntegrationsAPPROVED

Quant Time: Jan 12 00:53:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 12 00:49:08 2022
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



TIC: VW021850.D\data.ms

(56) 1,1,2,2-Tetrachloroethane-d2 (S)

12.731min (+ 0.036) 80.09 ug/L m

response 77387

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	63.90	71.16
0.00	0.00	0.00
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	147025	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.646	117	72248	25.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	13.554	152	166175	25.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	44717	16.364	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	65.440%	
7) Chloroethane-d5	2.885	69	35158	14.247	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	57.000%	
11) 1,1-Dichloroethene-d2	4.025	63	52953	12.274	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	49.080%	
21) 2-Butanone-d5	7.073	46	25090	65.049	ug/L	-0.01
Spiked Amount 50.000	Range 20	- 135	Recovery	=	130.100%	
24) Chloroform-d	7.653	84	91989	19.367	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	77.480%	
26) 1,2-Dichloroethane-d4	8.311	65	49660	21.651	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	86.600%	
32) Benzene-d6	8.274	84	171652	36.615	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	146.480%#	
36) 1,2-Dichloropropane-d6	9.274	67	49636	40.171	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	160.680%#	
41) Toluene-d8	10.329	98	152964	32.368	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	129.480%	
43) trans-1,3-Dichloroprop...	10.585	79	16296	31.063	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	124.240%	
47) 2-Hexanone-d5	10.926	63	19423	115.844	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	231.680%#	
56) 1,1,2,2-Tetrachloroeth...	12.731	84	77387m	80.093	ug/L	0.04
Spiked Amount 25.000	Range 45	- 120	Recovery	=	320.360%#	
66) 1,2-Dichlorobenzene-d4	13.877	152	107443m	15.724	ug/L	0.02
Spiked Amount 25.000	Range 75	- 120	Recovery	=	62.880%#	
Target Compounds						
						Qvalue
13) Acetone	4.123	43	16255	51.010	ug/L	98
14) Carbon disulfide	4.385	76	27259	4.744	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	80599	33.040	ug/L #	64
29) Cyclohexane	7.957	56	231353	143.139	ug/L	96
33) Benzene	8.329	78	5078838	1146.427	ug/L	100
35) Methylcyclohexane	9.341	83	528618	250.103	ug/L	86
42) Toluene	10.390	91	8208703	1652.086	ug/L	96
46) Tetrachloroethene	10.865	164	17989	14.154	ug/L	91
51) Chlorobenzene	11.664	112	27304	7.783	ug/L	97
52) Ethylbenzene	11.725	91	39963093m	7240.202	ug/L	
53) m,p-Xylene	11.884	106	40734573m	17648.894	ug/L	
54) o-Xylene	12.201	106	22595227m	10545.069	ug/L	
60) Isopropylbenzene	12.475	105	10925012	482.787	ug/L	93
62) 1,3,5-Trimethylbenzene	12.963	105	20441706m	1090.874	ug/L	
63) 1,2,4-Trimethylbenzene	13.249	105	34178091m	1849.352	ug/L	

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

Instrument :

MSVOA_W

ClientSampleId :

BGLN2

Manual IntegrationsAPPROVED

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Quant Title : SFAM01.0
QLast Update : Wed Jan 12 00:49:08 2022
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