

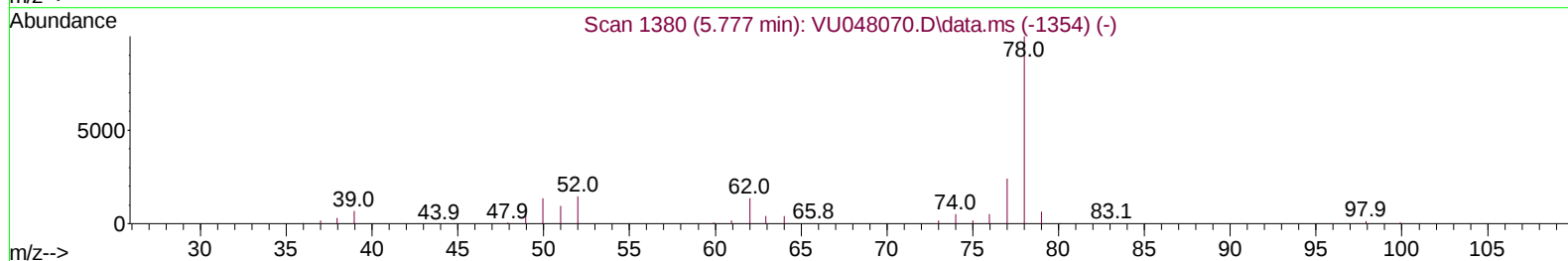
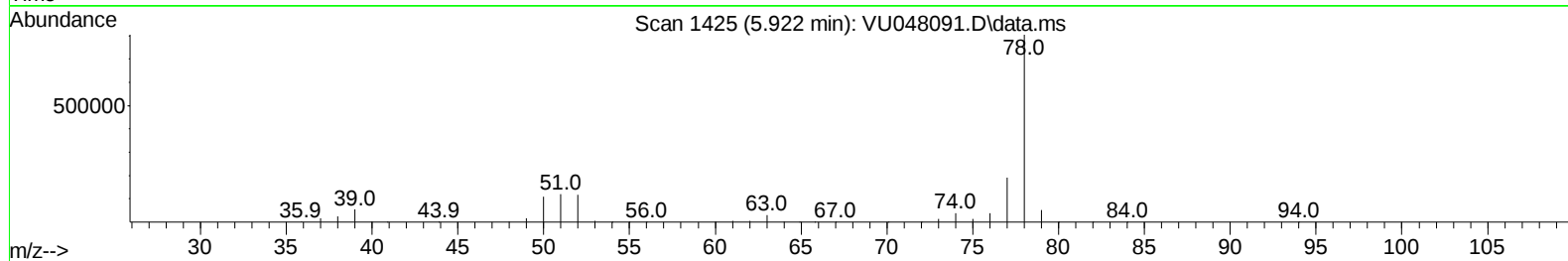
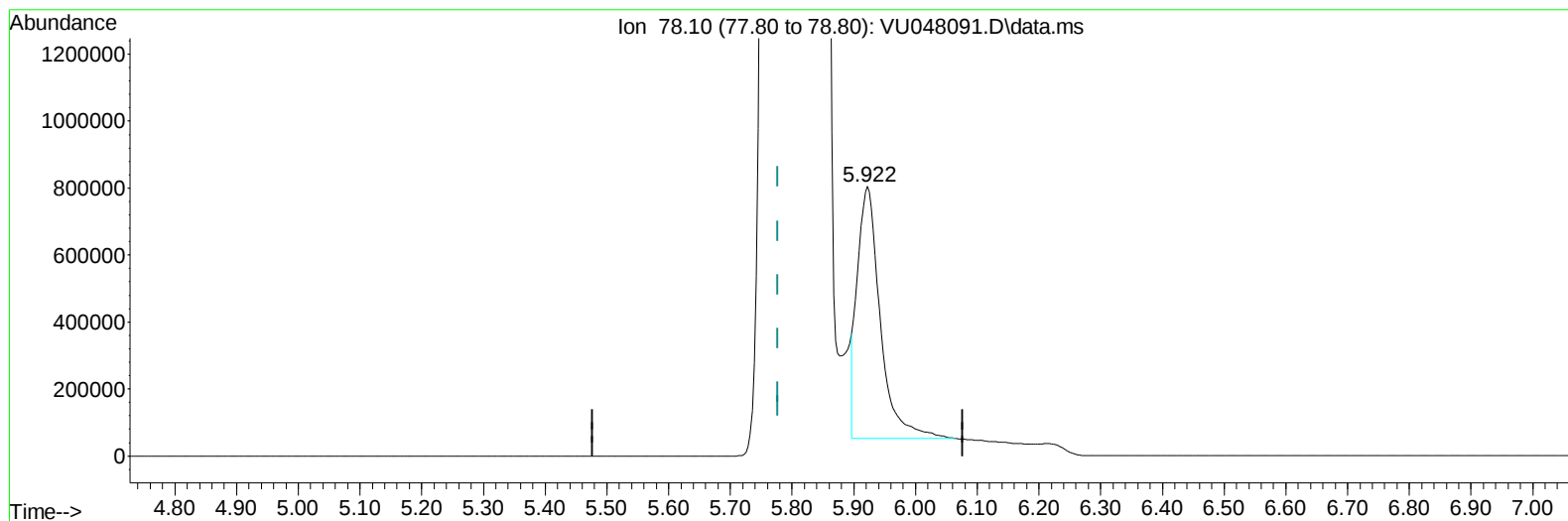
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
Data File : VU048091.D
Acq On : 15 Apr 2022 04:02
Operator : SY/MD
Sample : N2419-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J54

Manual IntegrationsAPPROVED

Quant Time: Apr 15 05:30:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 15 05:02:53 2022
Response via : Initial Calibration

Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/19/2022



TIC: VU048091.D\data.ms

(33) Benzene (T)

5.922min (+ 0.144) 184.25 ug/L

response 1949577

Ion	Exp%	Act%
78.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

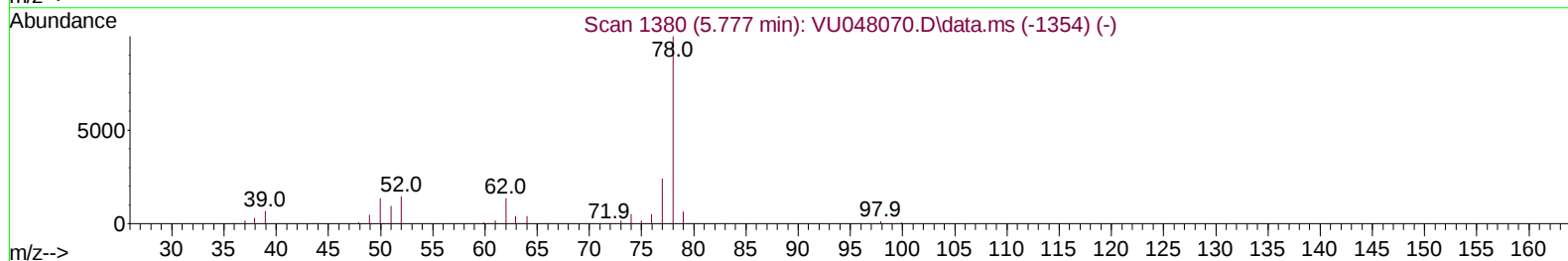
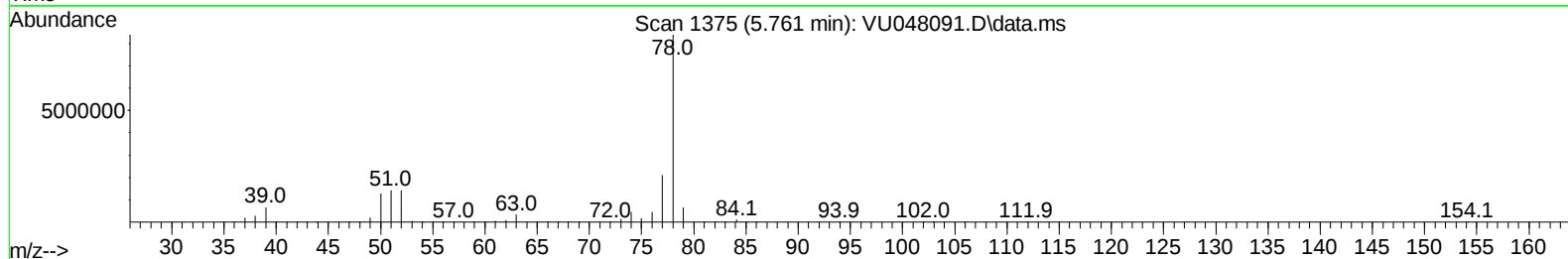
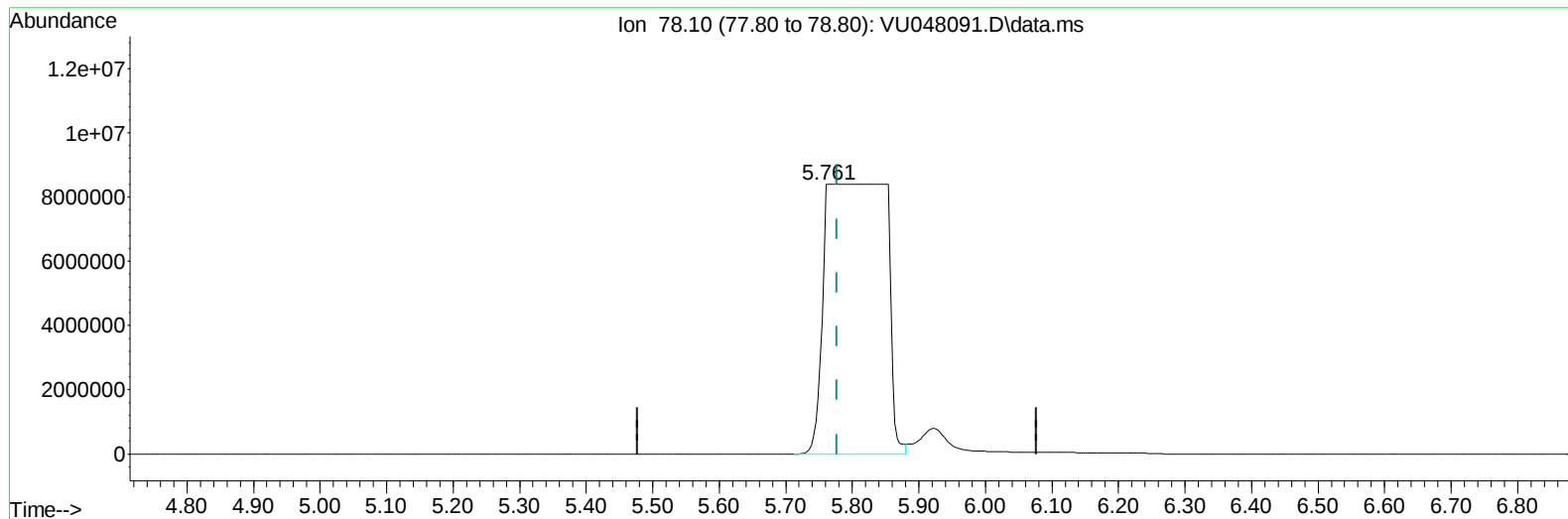
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
Data File : VU048091.D
Acq On : 15 Apr 2022 04:02
Operator : SY/MD
Sample : N2419-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J54

Manual IntegrationsAPPROVED

Quant Time: Apr 15 05:30:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 15 05:02:53 2022
Response via : Initial Calibration

Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/19/2022



TIC: VU048091.D\data.ms

(33) Benzene (T)

5.761min (-0.016) 5088.60 ug/L m

response 53841862

Ion	Exp%	Act%
78.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

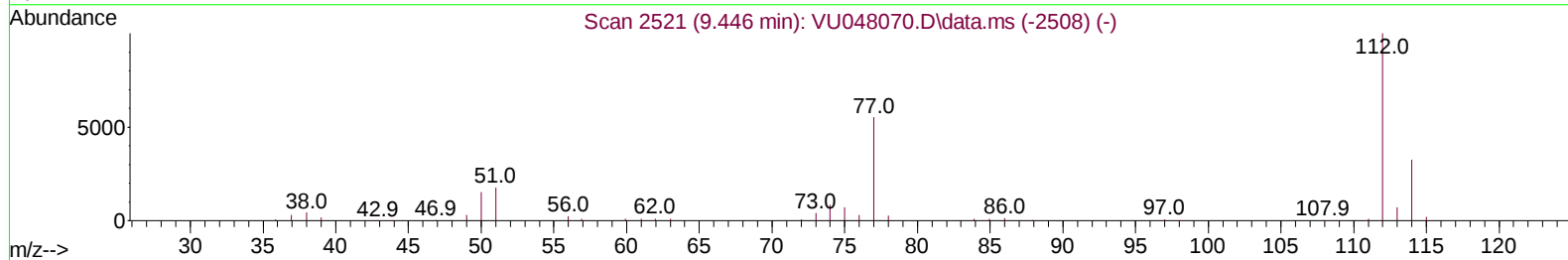
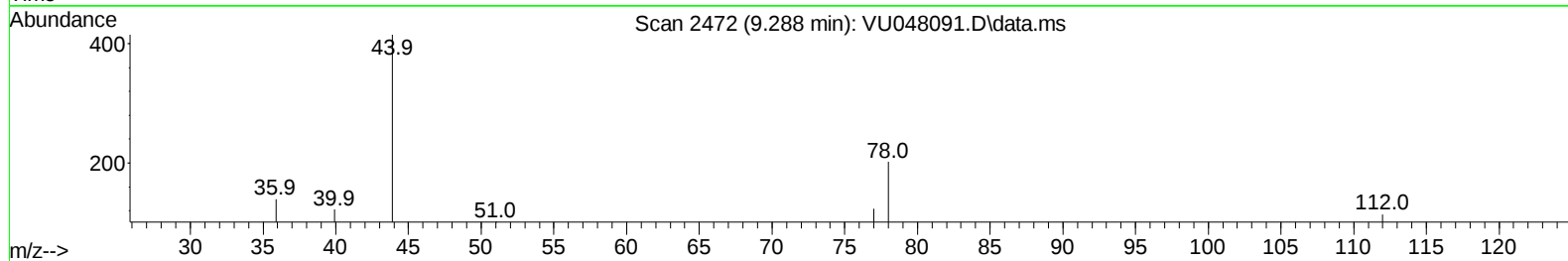
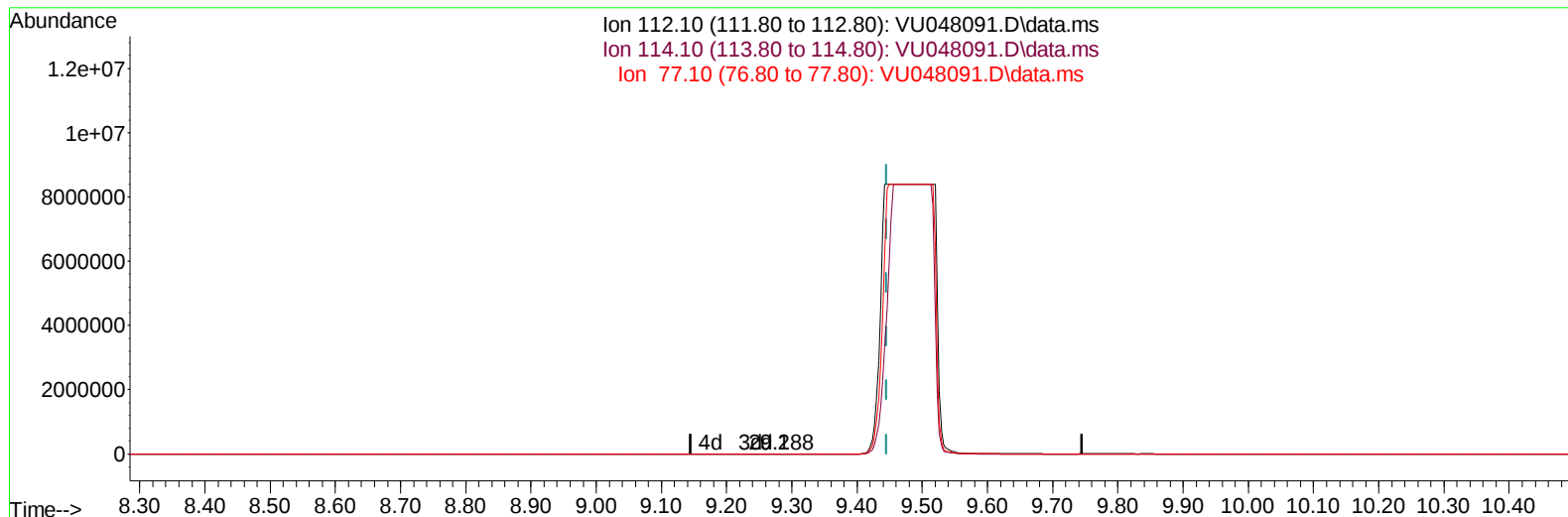
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048091.D
 Acq On : 15 Apr 2022 04:02
 Operator : SY/MD
 Sample : N2419-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J54

Manual IntegrationsAPPROVED

Quant Time: Apr 15 05:30:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 05:02:53 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/19/2022



TIC: VU048091.D\data.ms

(51) Chlorobenzene (T)

9.288min (-0.158) 0.01 ug/L

response 43

Ion	Exp%	Act%
112.10	100.00	100.00
114.10	31.60	0.00#
77.10	54.20	107.89#
0.00	0.00	0.00

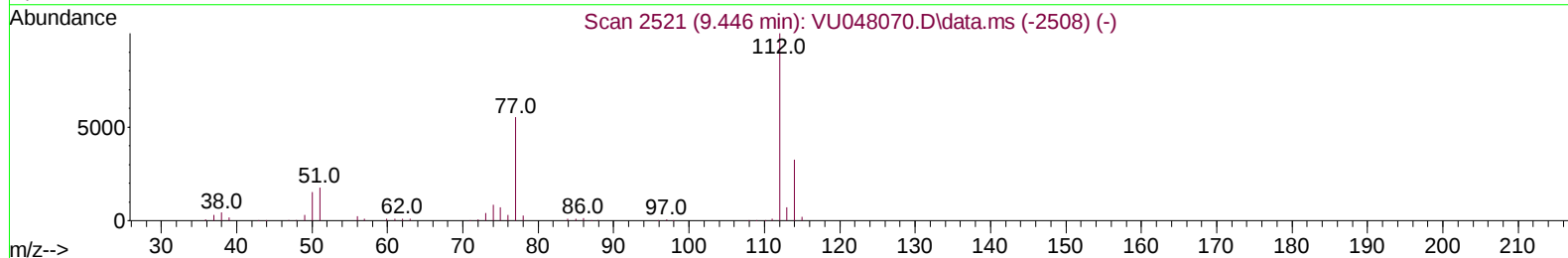
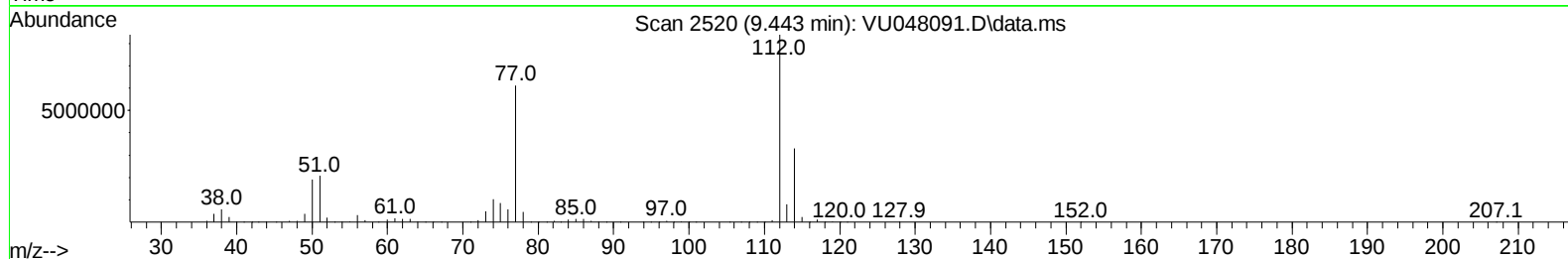
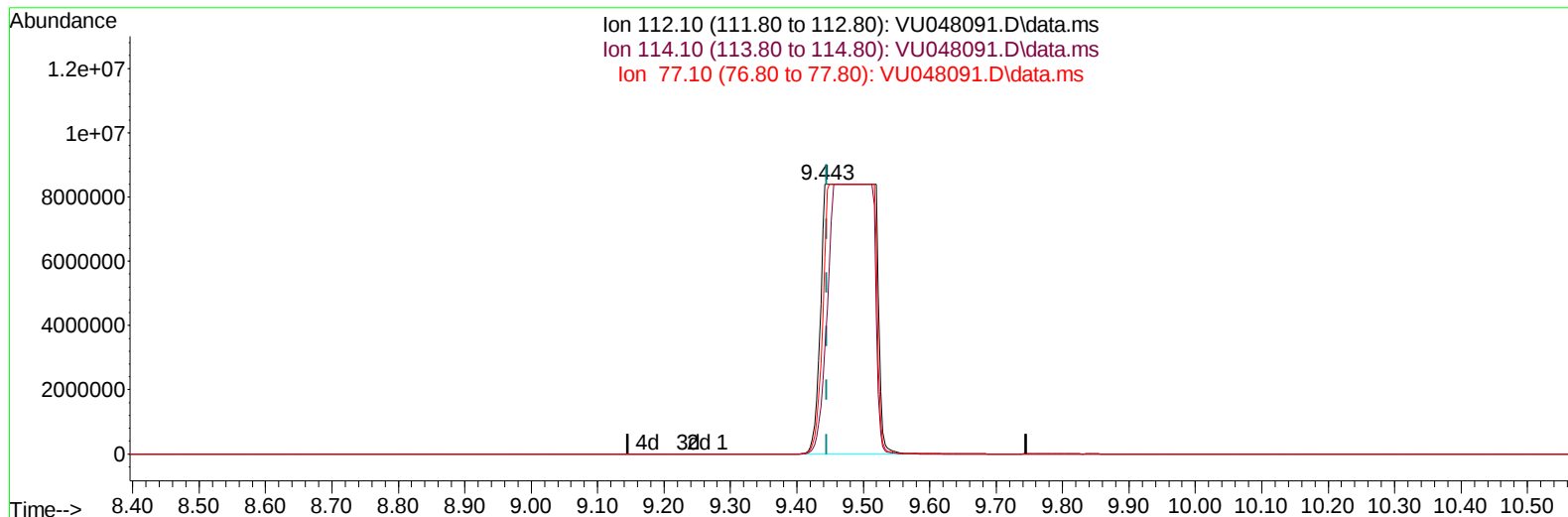
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048091.D
 Acq On : 15 Apr 2022 04:02
 Operator : SY/MD
 Sample : N2419-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J54

Manual IntegrationsAPPROVED

Quant Time: Apr 15 05:30:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 05:02:53 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/19/2022



TIC: VU048091.D\data.ms

(51) Chlorobenzene (T)

9.443min (-0.003) 5781.03 ug/L m

response 45571328

Ion	Exp%	Act%
112.10	100.00	100.00
114.10	31.60	39.45
77.10	54.20	73.02#
0.00	0.00	0.00

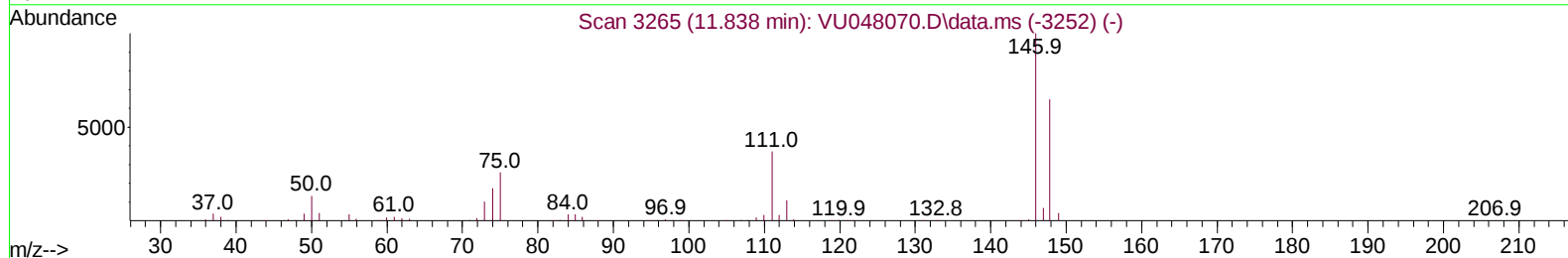
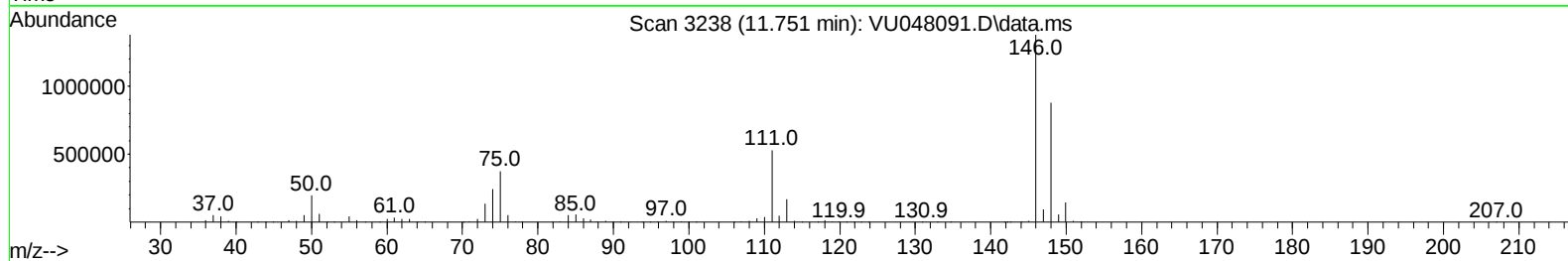
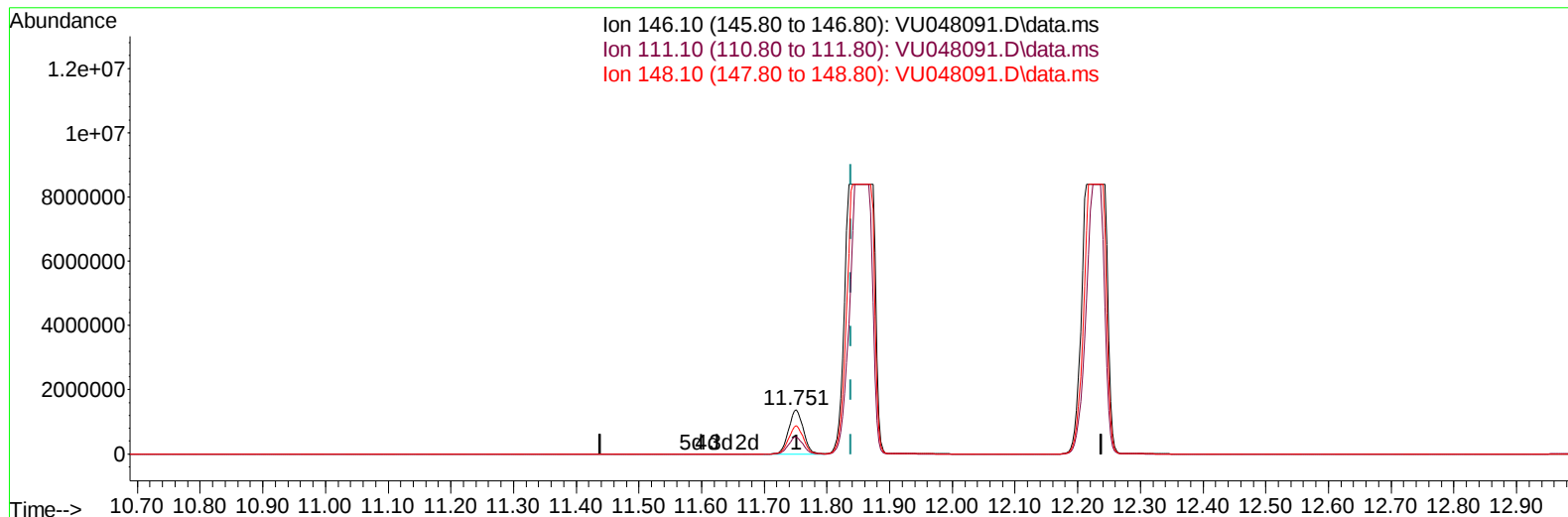
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048091.D
 Acq On : 15 Apr 2022 04:02
 Operator : SY/MD
 Sample : N2419-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J54

Manual IntegrationsAPPROVED

Quant Time: Apr 15 05:30:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 05:02:53 2022
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Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/19/2022



TIC: VU048091.D\data.ms

(65) 1,4-Dichlorobenzene (T)

11.751min (-0.087) 280.95 ug/L

response 2222603

Ion	Exp%	Act%
146.10	100.00	100.00
111.10	36.20	38.31
148.10	63.60	63.79
0.00	0.00	0.00

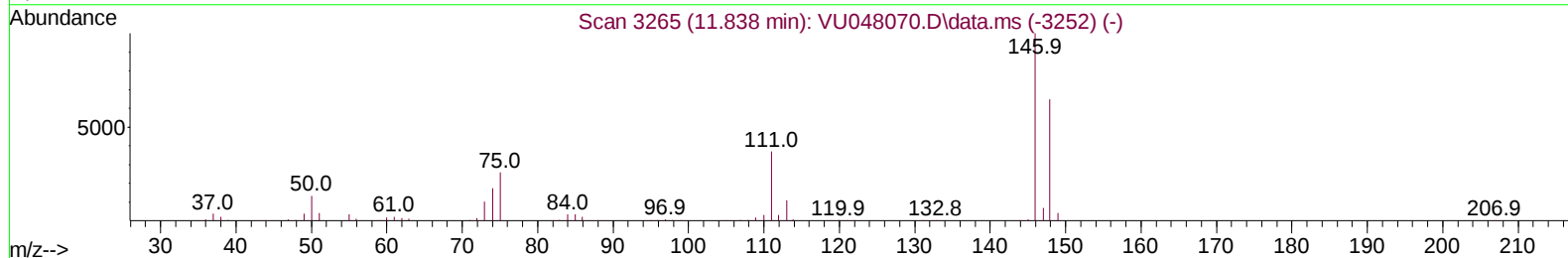
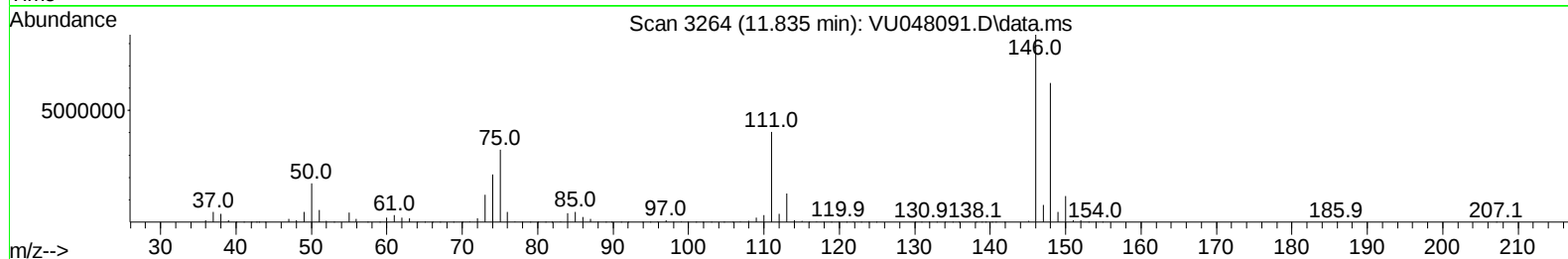
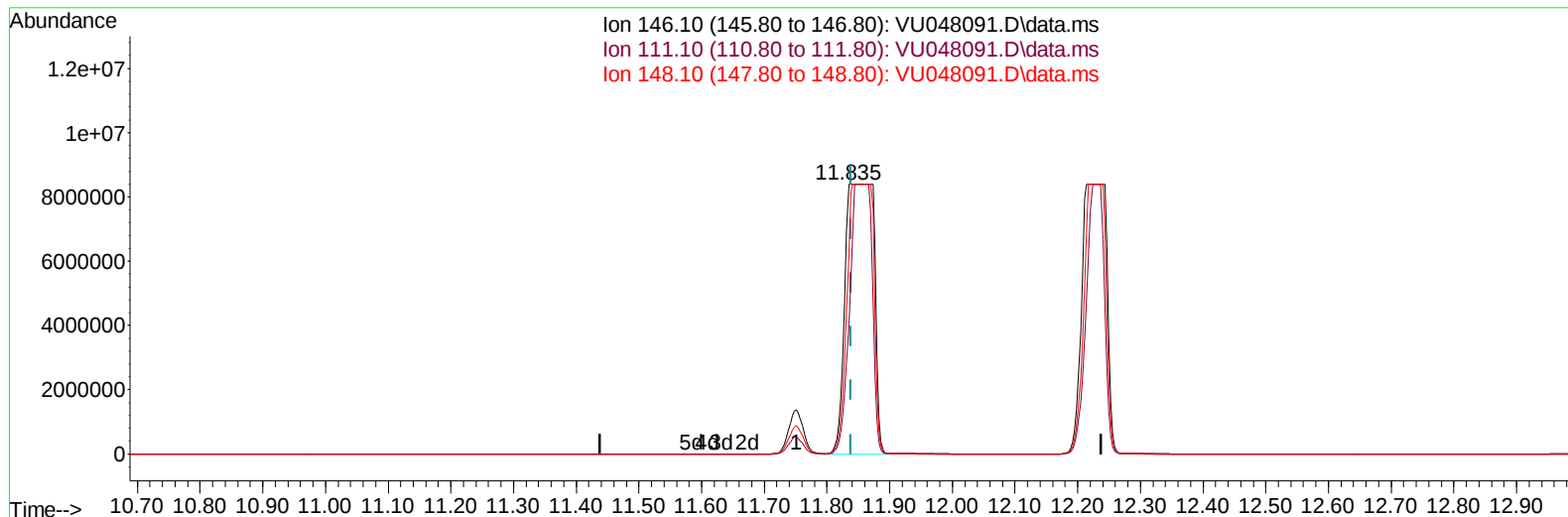
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048091.D
 Acq On : 15 Apr 2022 04:02
 Operator : SY/MD
 Sample : N2419-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J54

Manual IntegrationsAPPROVED

Quant Time: Apr 15 05:30:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 05:02:53 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/19/2022



TIC: VU048091.D\data.ms

(65) 1,4-Dichlorobenzene (T)

11.835min (-0.003) 3369.40 ug/L m

response 26655259

Ion	Exp%	Act%
146.10	100.00	100.00
111.10	36.20	48.17#
148.10	63.60	74.39
0.00	0.00	0.00

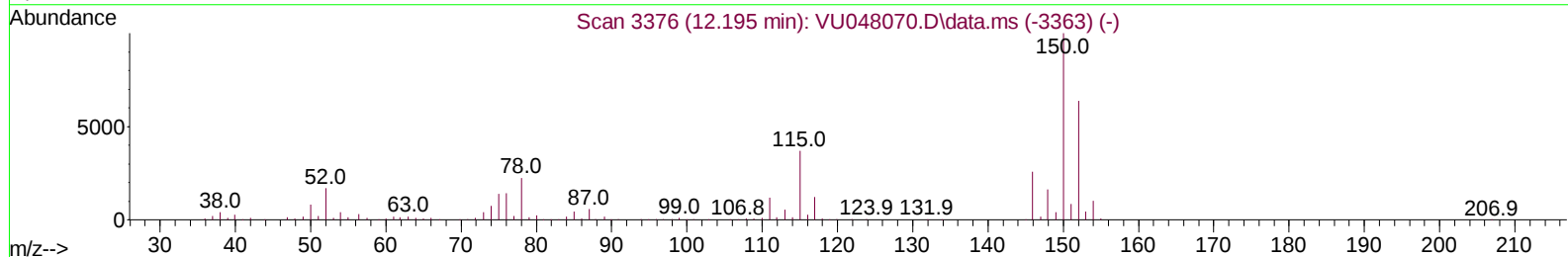
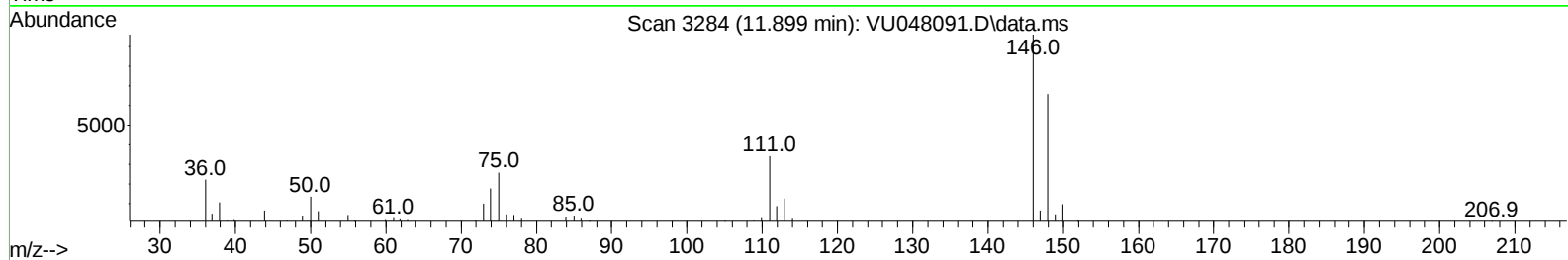
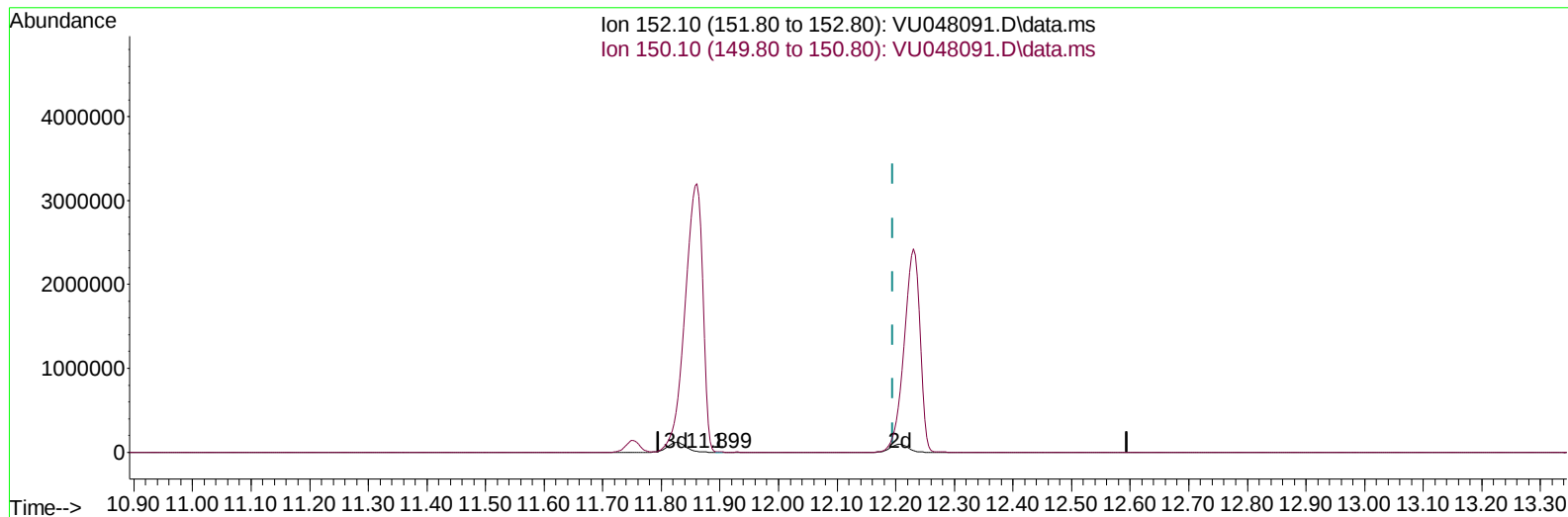
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048091.D
 Acq On : 15 Apr 2022 04:02
 Operator : SY/MD
 Sample : N2419-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J54

Manual IntegrationsAPPROVED

Quant Time: Apr 15 05:30:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 05:02:53 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/19/2022



TIC: VU048091.D\data.ms

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

11.899min (-0.296) 0.01 ug/L

response 43

Ion	Exp%	Act%
152.10	100.00	100.00
150.10	171.40	179.07
0.00	0.00	0.00
0.00	0.00	0.00

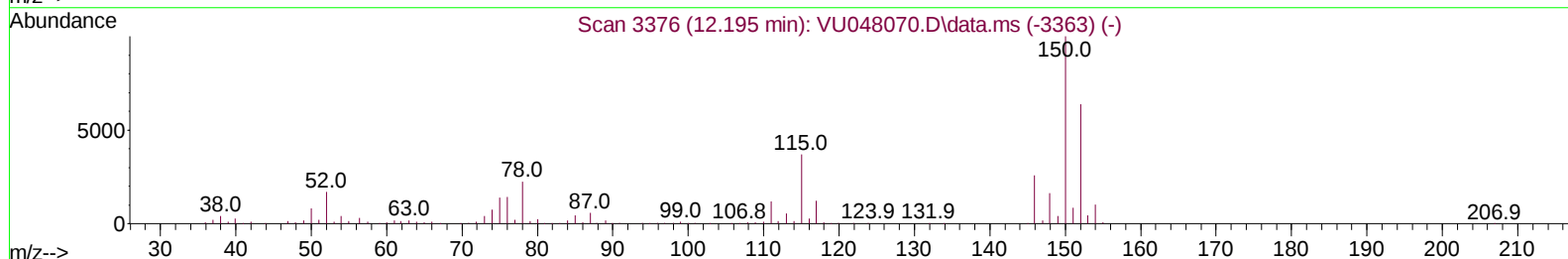
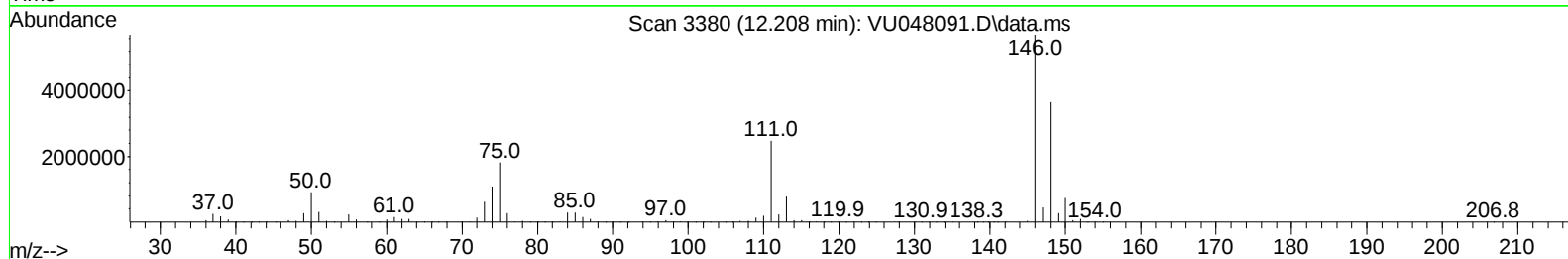
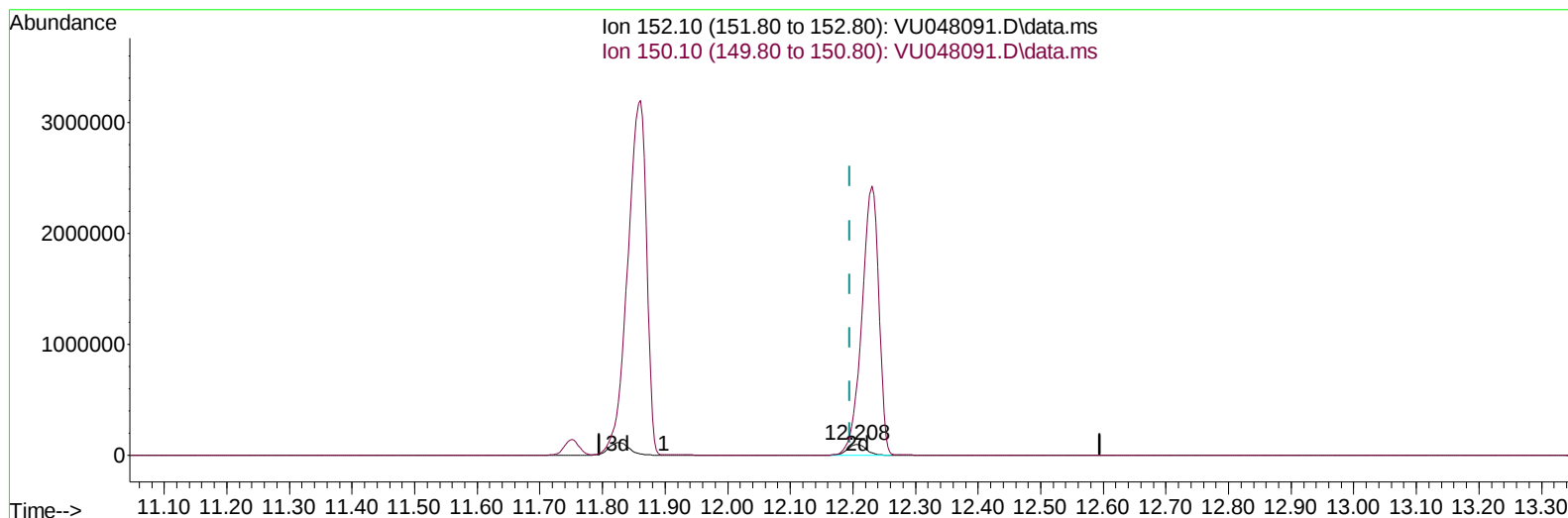
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048091.D
 Acq On : 15 Apr 2022 04:02
 Operator : SY/MD
 Sample : N2419-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J54

Manual IntegrationsAPPROVED

Quant Time: Apr 15 05:30:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 05:02:53 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/19/2022



TIC: VU048091.D\data.ms

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

12.208min (+ 0.013) 42.92 ug/L m

response 194128

Ion	Exp%	Act%
152.10	100.00	100.00
150.10	171.40	0.04#
0.00	0.00	0.00
0.00	0.00	0.00

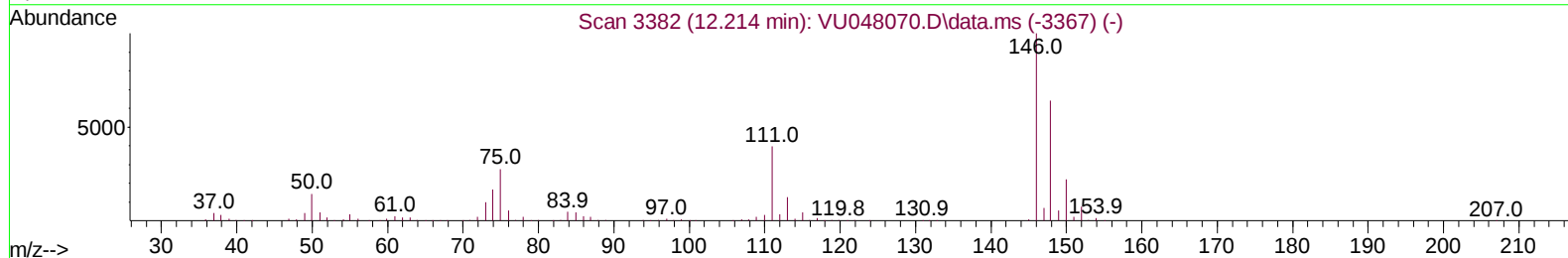
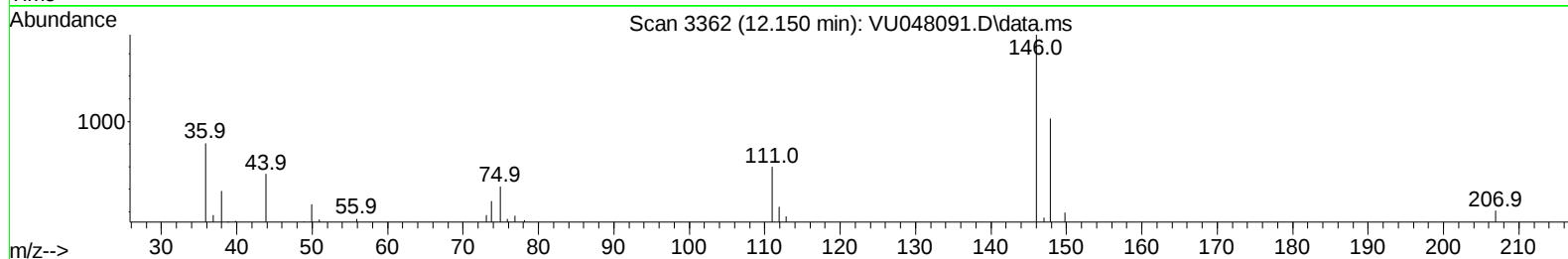
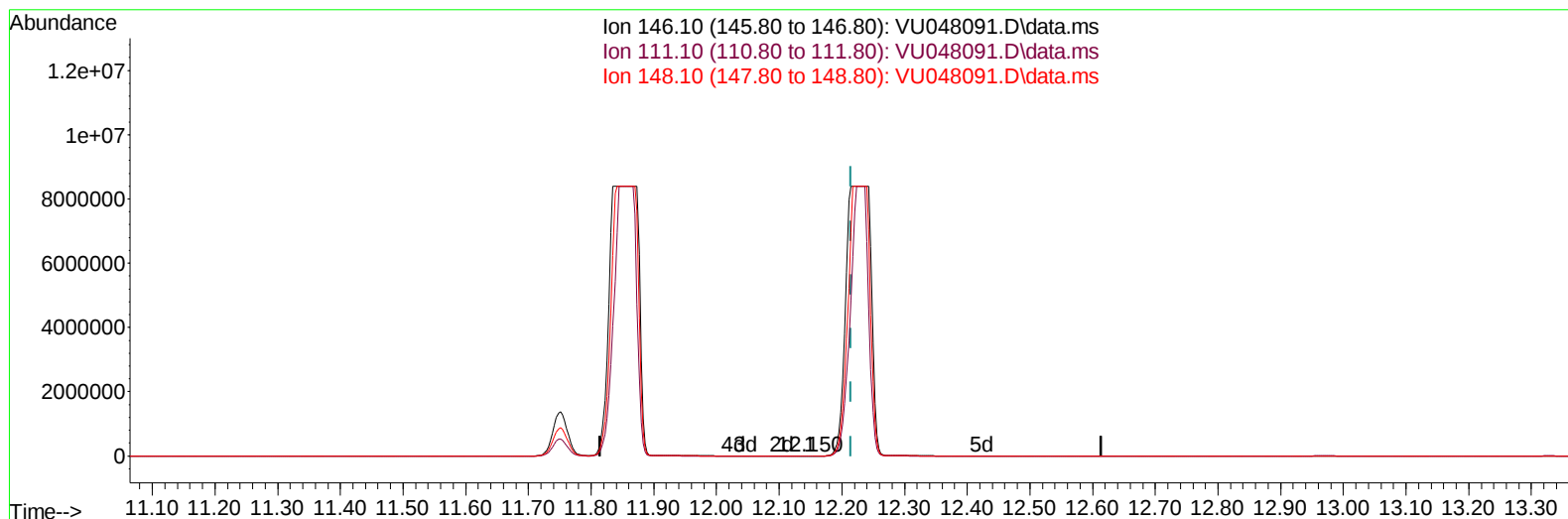
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048091.D
 Acq On : 15 Apr 2022 04:02
 Operator : SY/MD
 Sample : N2419-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J54

Manual IntegrationsAPPROVED

Quant Time: Apr 15 05:30:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 05:02:53 2022
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Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/19/2022



TIC: VU048091.D\data.ms

(67) 1,2-Dichlorobenzene (T)

12.150min (-0.064) 0.07 ug/L

response 499

Ion	Exp%	Act%
146.10	100.00	100.00
111.10	39.60	33.71
148.10	64.30	58.14
0.00	0.00	0.00

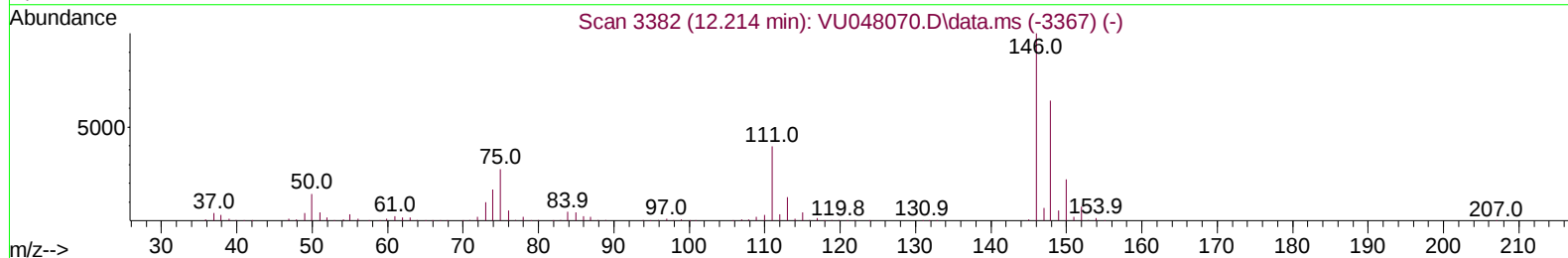
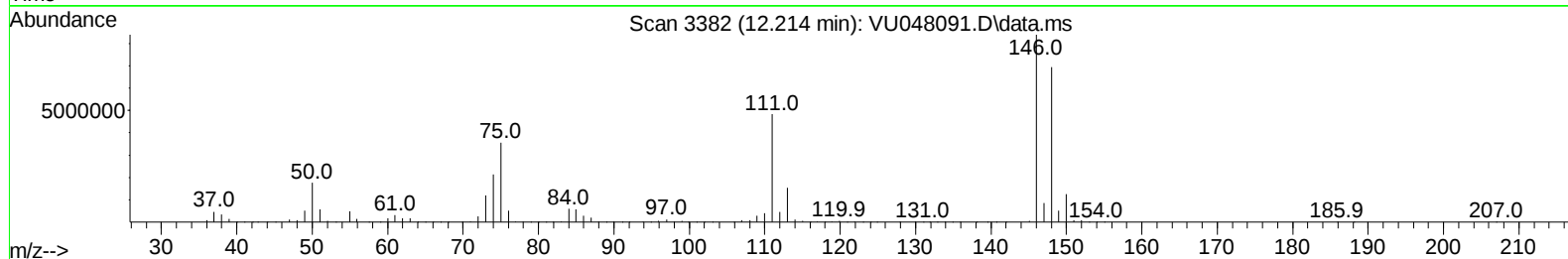
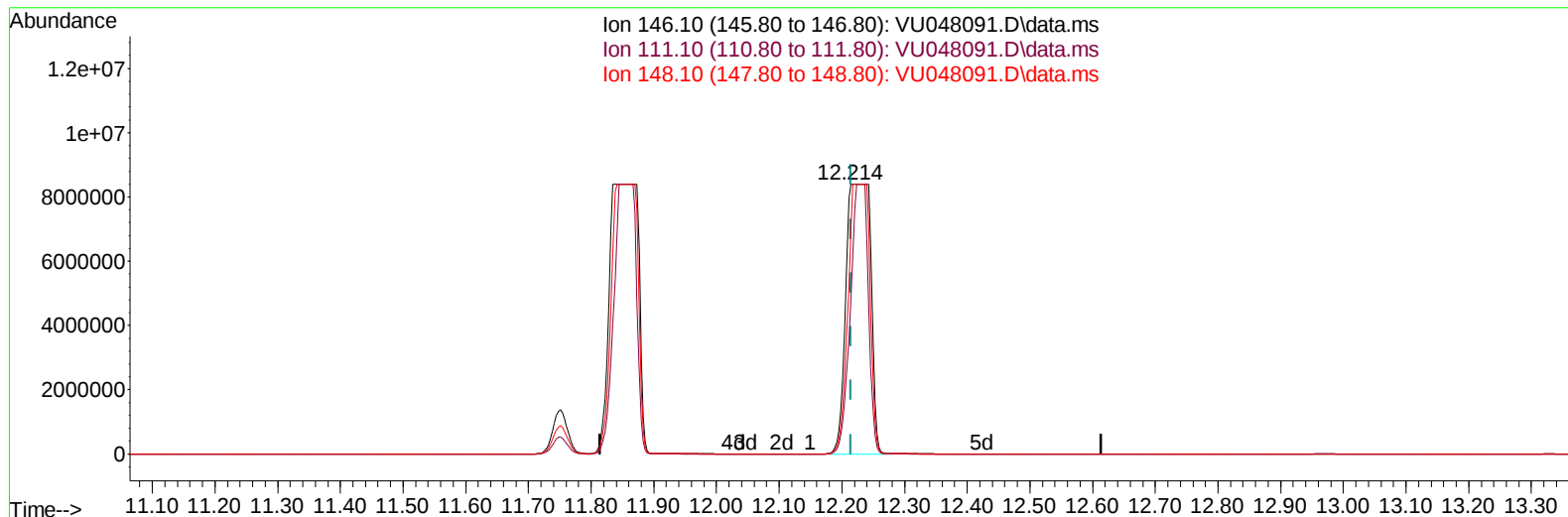
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
Data File : VU048091.D
Acq On : 15 Apr 2022 04:02
Operator : SY/MD
Sample : N2419-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J54

Manual IntegrationsAPPROVED

Quant Time: Apr 15 05:30:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 15 05:02:53 2022
Response via : Initial Calibration

Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/19/2022



TIC: VU048091.D\data.ms

(67) 1,2-Dichlorobenzene (T)

12.214min (-0.000) 3007.10 ug/L m

response 22980604

Ion	Exp%	Act%
146.10	100.00	100.00
111.10	39.60	57.62#
148.10	64.30	82.77#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048091.D
 Acq On : 15 Apr 2022 04:02
 Operator : SY/MD
 Sample : N2419-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J54

Manual IntegrationsAPPROVED

Quant Time: Apr 15 05:30:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 05:02:53 2022
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Reviewed By :Krupa Patel 04/15/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	347520	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.449	117	365548	50.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.825	152	254253	50.000	ug/L	# 0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	79301	31.467	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	62.940%	
7) Chloroethane-d5	1.915	69	79079	39.796	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	79.600%	
11) 1,1-Dichloroethene-d2	2.568	63	110864	24.045	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	48.080%#	
21) 2-Butanone-d5	4.620	46	204227	94.416	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	94.420%	
24) Chloroform-d	5.066	84	214004	46.411	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	92.820%	
26) 1,2-Dichloroethane-d4	5.716	65	133210	47.103	ug/L	0.01
Spiked Amount 50.000	Range 70	- 125	Recovery	=	94.200%	
32) Benzene-d6	5.751	84	385899	41.954	ug/L	0.02
Spiked Amount 50.000	Range 70	- 125	Recovery	=	83.900%	
36) 1,2-Dichloropropane-d6	6.693	67	124544	44.089	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	88.180%	
41) Toluene-d8	7.899	98	345862	38.593	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	77.180%#	
43) trans-1,3-Dichloroprop...	8.182	79	54368	37.990	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	75.980%	
47) 2-Hexanone-d5	8.639	63	156645	94.726	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	94.730%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	228290	47.090	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	94.180%	
66) 1,2-Dichlorobenzene-d4	12.208	152	194128m	42.916	ug/L	0.01
Spiked Amount 50.000	Range 80	- 120	Recovery	=	85.840%	
Target Compounds						
					Qvalue	
13) Acetone	2.626	43	22796	11.325	ug/L	94
14) Carbon disulfide	2.796	76	19137	2.540	ug/L	97
16) Methylene chloride	3.047	84	6082	2.223	ug/L	95
25) Chloroform	5.089	83	555497	116.353	ug/L	99
29) Cyclohexane	5.394	56	18793	5.066	ug/L	97
33) Benzene	5.761	78	53841862m	5088.597	ug/L	
35) Methylcyclohexane	6.764	83	4586	1.087	ug/L #	59
42) Toluene	7.973	91	24506	2.111	ug/L	99
46) Tetrachloroethene	8.555	164	5788	2.322	ug/L	93
51) Chlorobenzene	9.443	112	45571328m	5781.034	ug/L	
64) 1,3-Dichlorobenzene	11.751	146	2222603	291.009	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	26655259m	3369.401	ug/L	
67) 1,2-Dichlorobenzene	12.214	146	22980604m	3007.097	ug/L	
70) 1,2,4-trichlorobenzene	13.841	180	2527246	465.159	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	291464	53.514	ug/L	99

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

Instrument :
MSVOA_U
ClientSampleId :
C0J54

Manual IntegrationsAPPROVED

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Supervised By :Mahesh Dadoda 04/19/2022

