

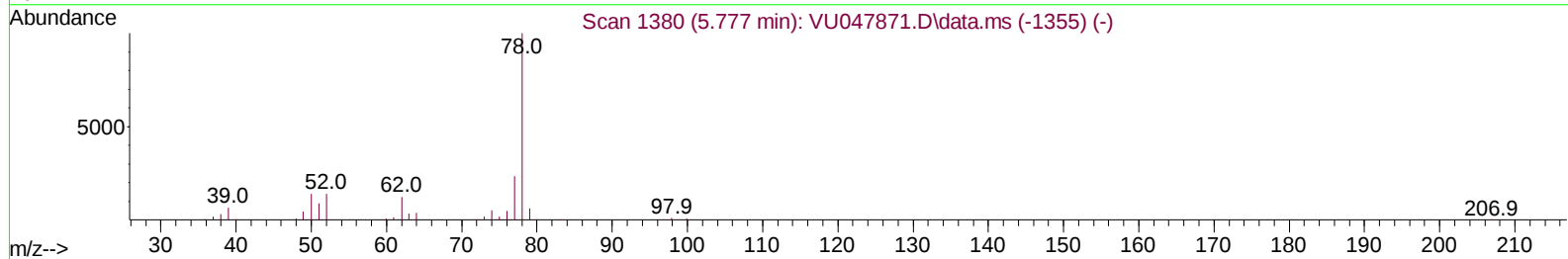
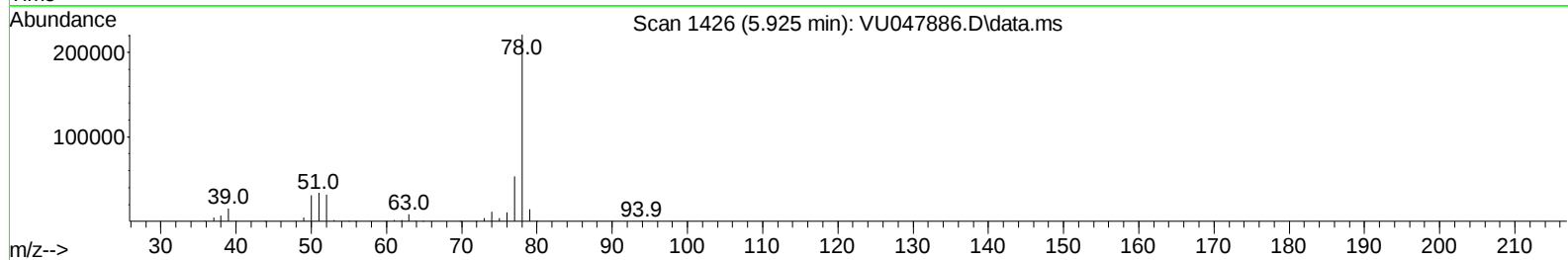
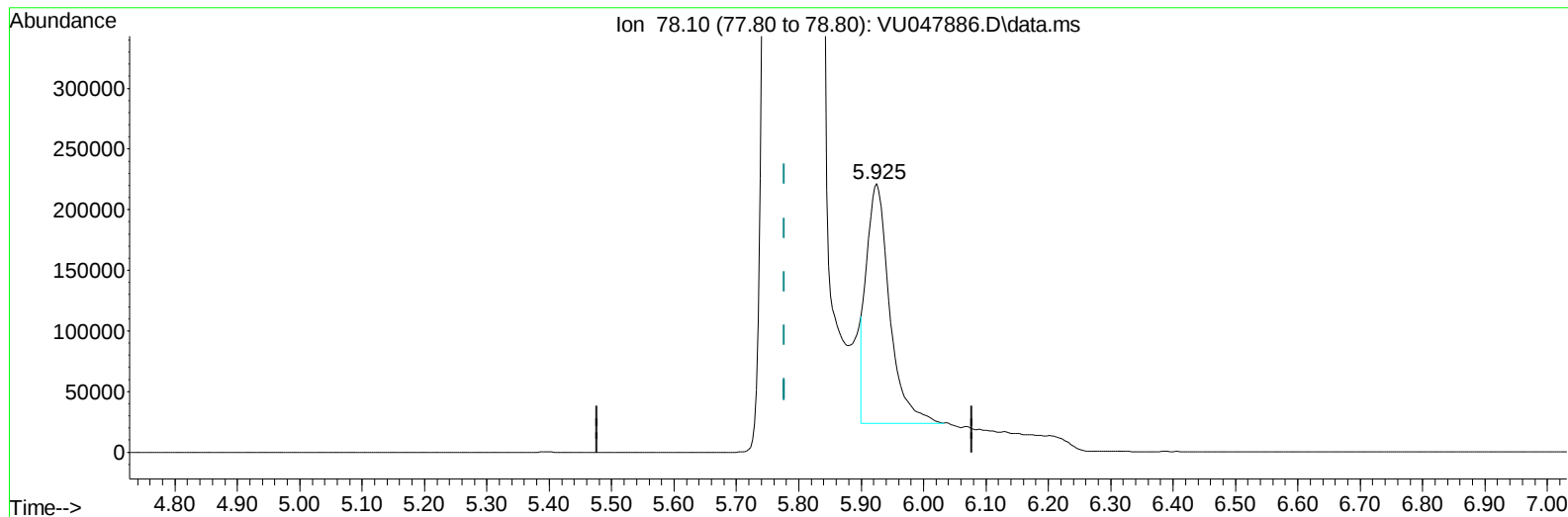
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
Data File : VU047886.D
Acq On : 08 Apr 2022 22:47
Operator : SY/MD
Sample : N2343-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 3

Instrument :
MSVOA_U
ClientSampleId :
C0J69

Manual IntegrationsAPPROVED

Quant Time: Apr 09 02:08:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 09 01:58:44 2022
Response via : Initial Calibration

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



TIC: VU047886.D\data.ms

(33) Benzene (T)

5.925min (+ 0.148) 47.41 ug/L

response 508910

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

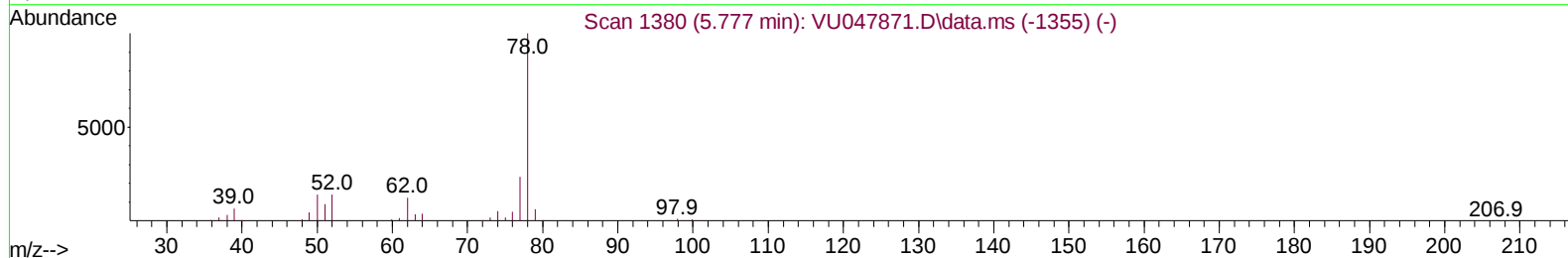
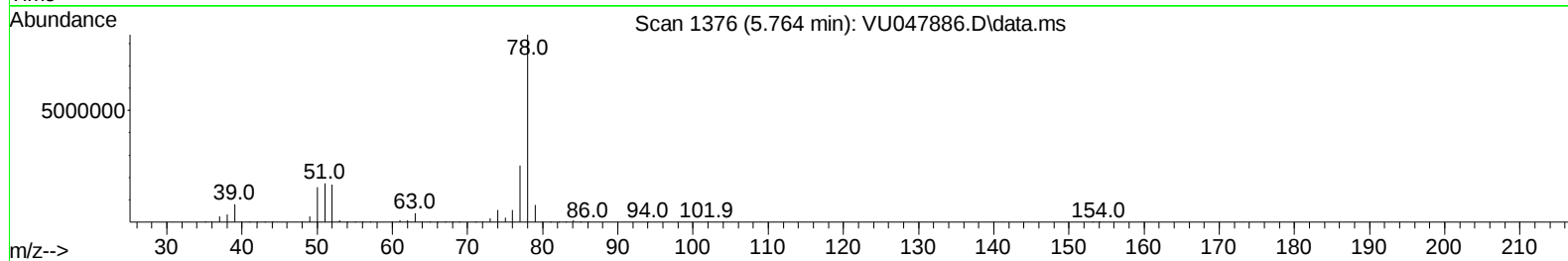
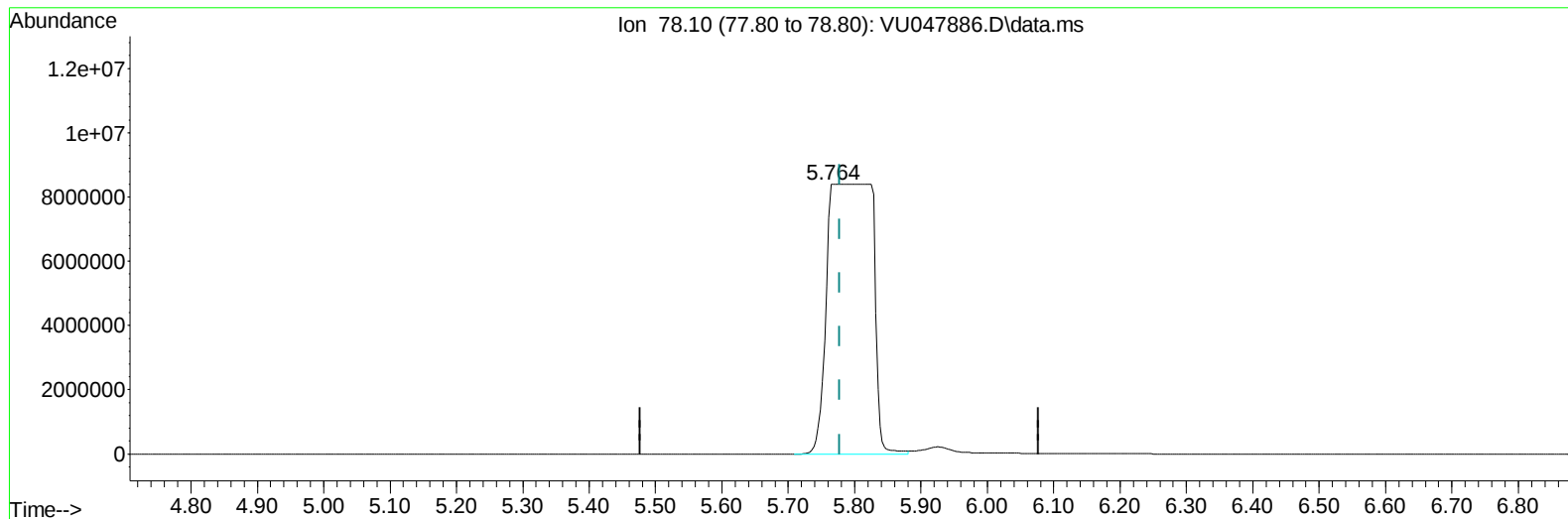
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
Data File : VU047886.D
Acq On : 08 Apr 2022 22:47
Operator : SY/MD
Sample : N2343-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J69

Manual IntegrationsAPPROVED

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Quant Title : VOC Analysis
QLast Update : Sat Apr 09 01:58:44 2022
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TIC: VU047886.D\data.ms

(33) Benzene (T)

5.764min (-0.013) 3706.57 ug/L m

response 39789108

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

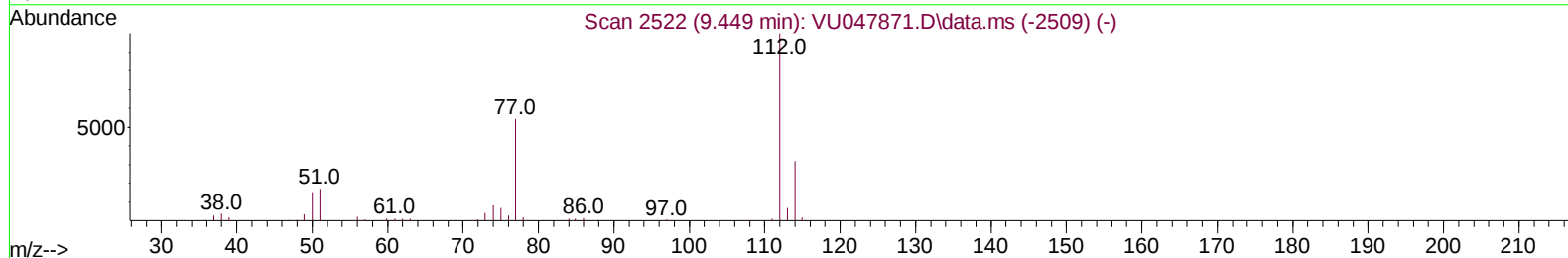
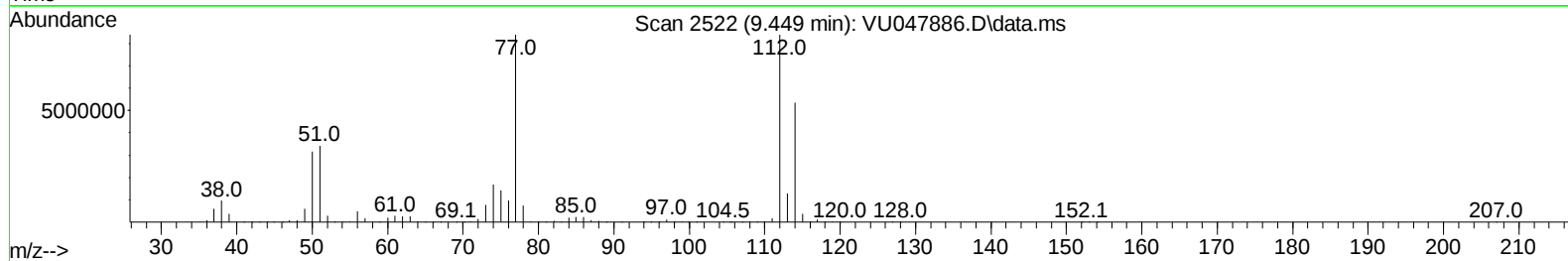
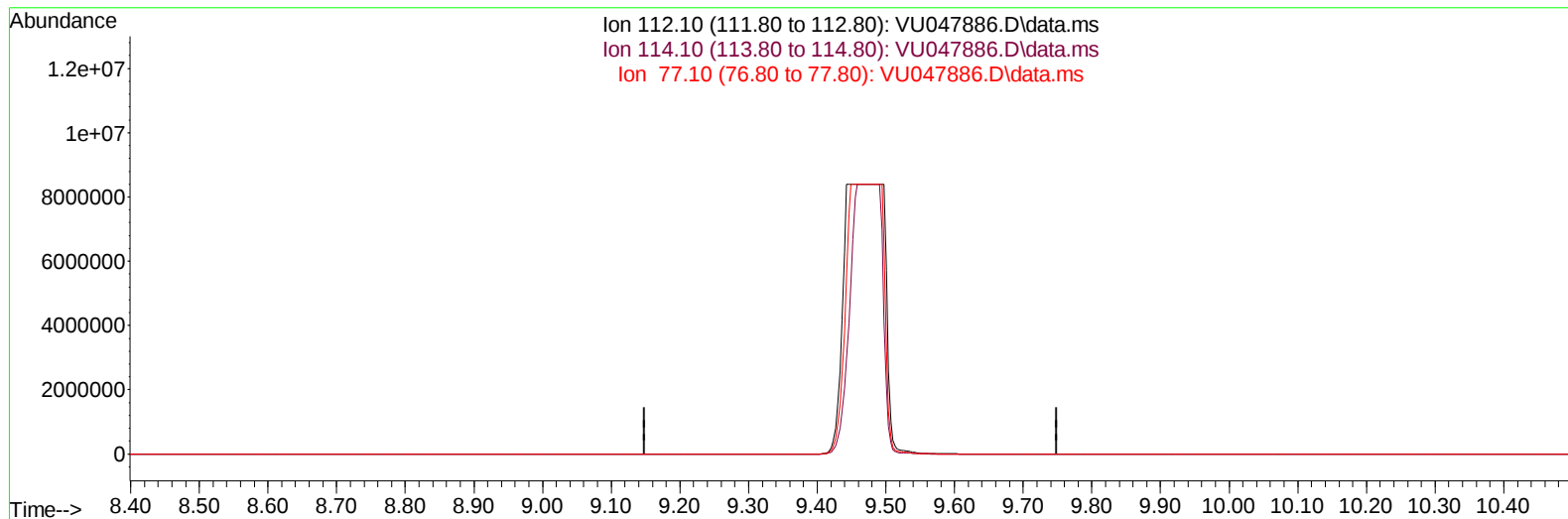
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
Data File : VU047886.D
Acq On : 08 Apr 2022 22:47
Operator : SY/MD
Sample : N2343-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J69

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TIC: VU047886.D\data.ms

(51) Chlorobenzene (T)

9.449min (-9.449) 0.00 ug/L

response 0

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

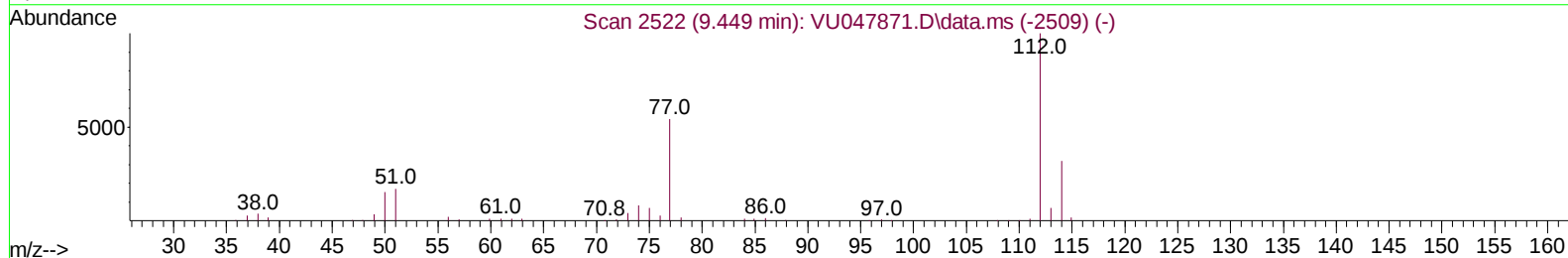
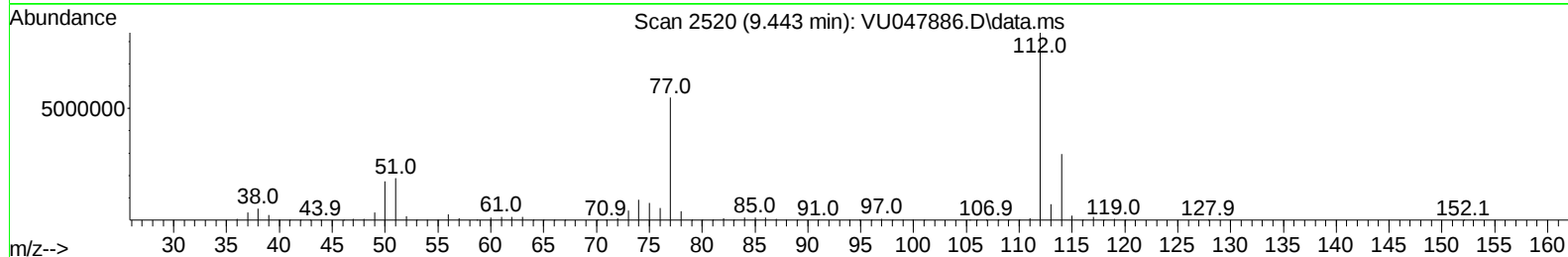
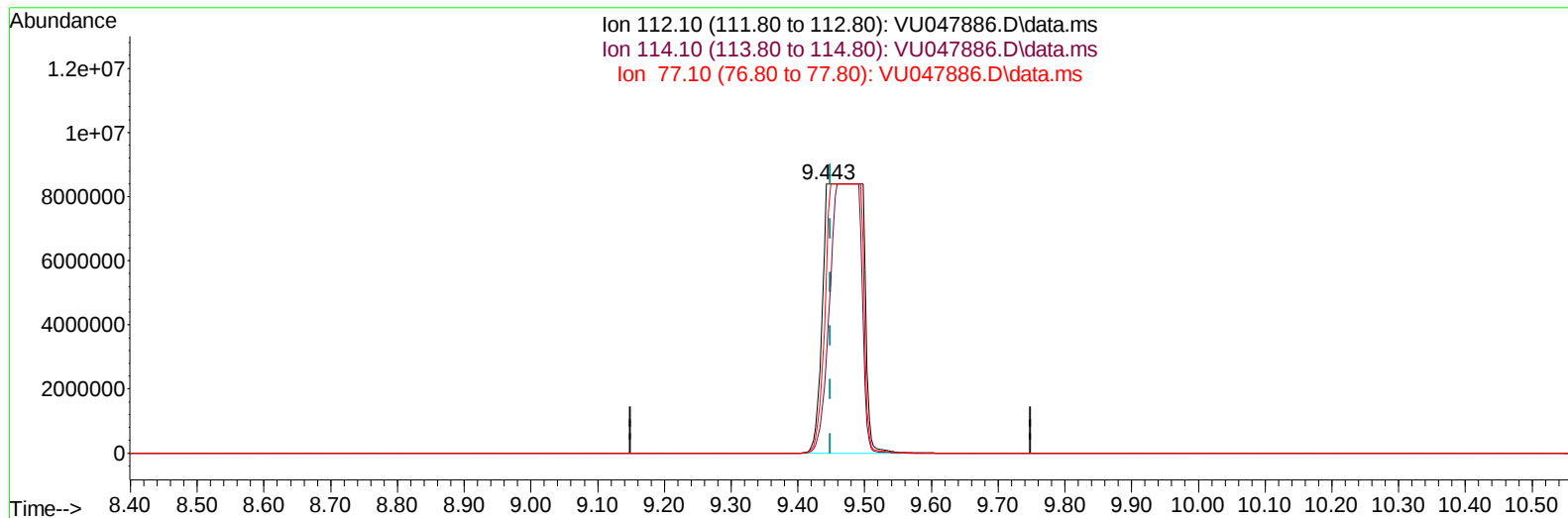
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
 Data File : VU047886.D
 Acq On : 08 Apr 2022 22:47
 Operator : SY/MD
 Sample : N2343-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J69

Manual IntegrationsAPPROVED

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TIC: VU047886.D\data.ms

(51) Chlorobenzene (T)

9.443min (-0.006) 4291.65 ug/L m

response 34322634

Ion	Exp%	Act%
112.10	100.00	100.00
114.10	31.60	35.36
77.10	54.20	65.32#
0.00	0.00	0.00

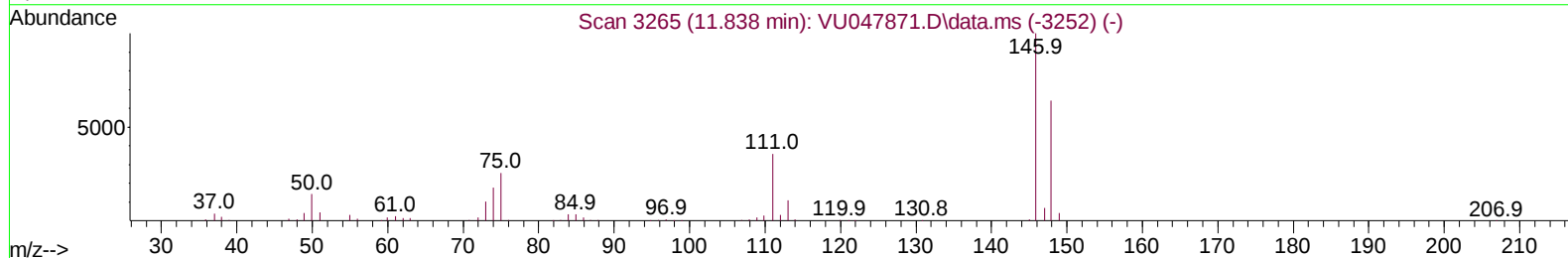
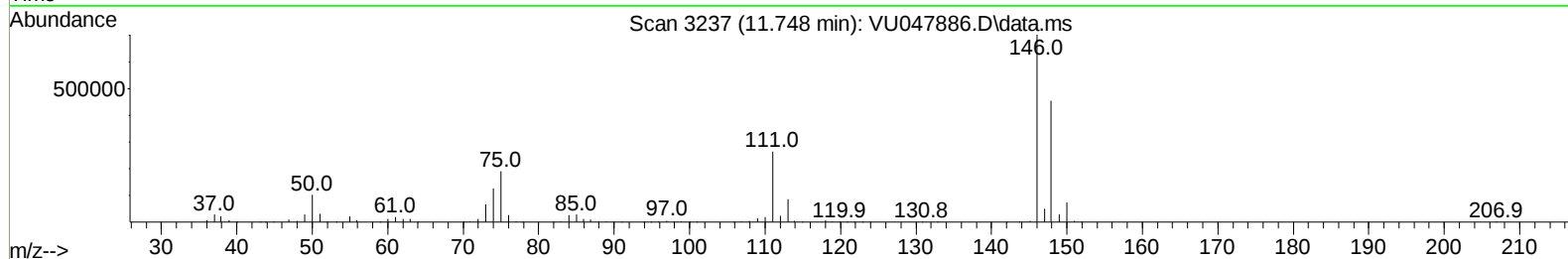
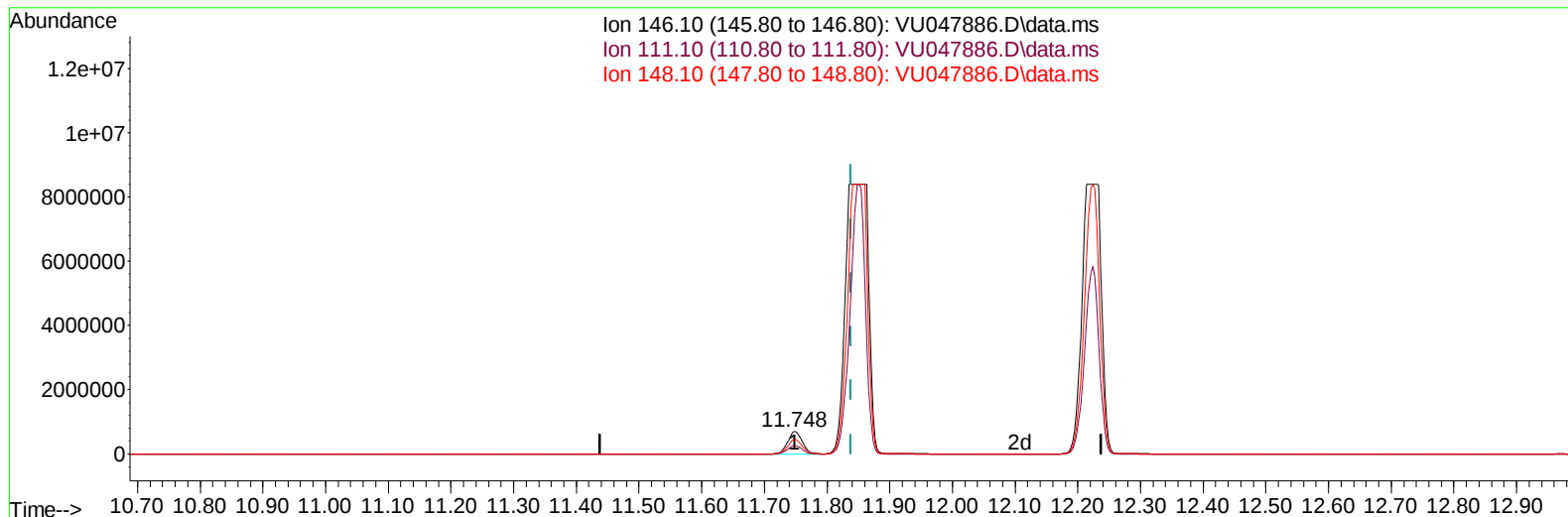
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
Data File : VU047886.D
Acq On : 08 Apr 2022 22:47
Operator : SY/MD
Sample : N2343-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J69

Manual IntegrationsAPPROVED

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TIC: VU047886.D\data.ms

(65) 1,4-Dichlorobenzene (T)

11.748min (-0.090) 145.65 ug/L

response 1116352

Ion	Exp%	Act%
146.10	100.00	100.00
111.10	36.20	37.81
148.10	63.60	64.78
0.00	0.00	0.00

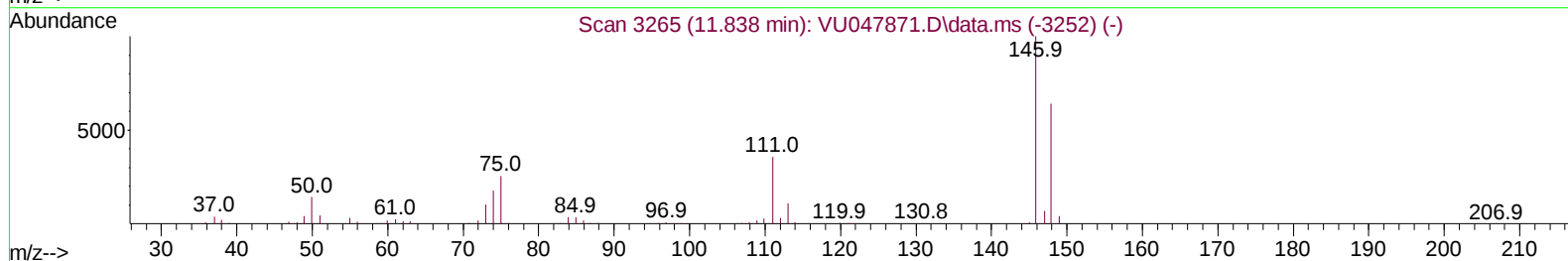
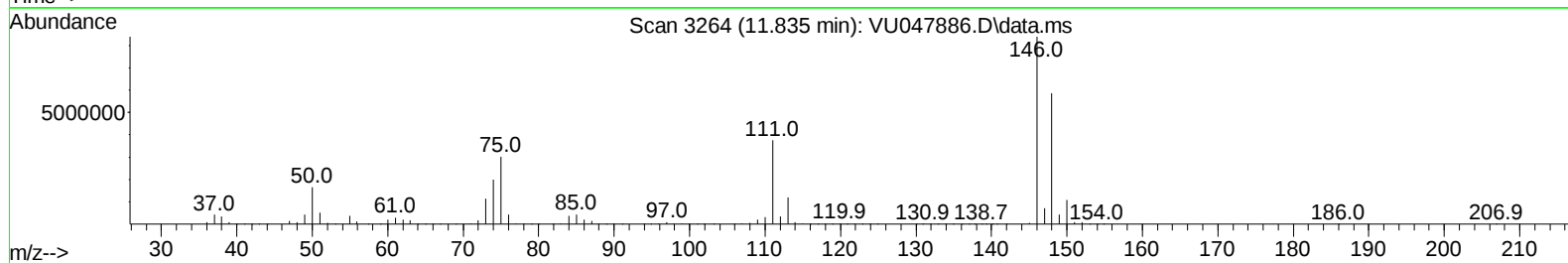
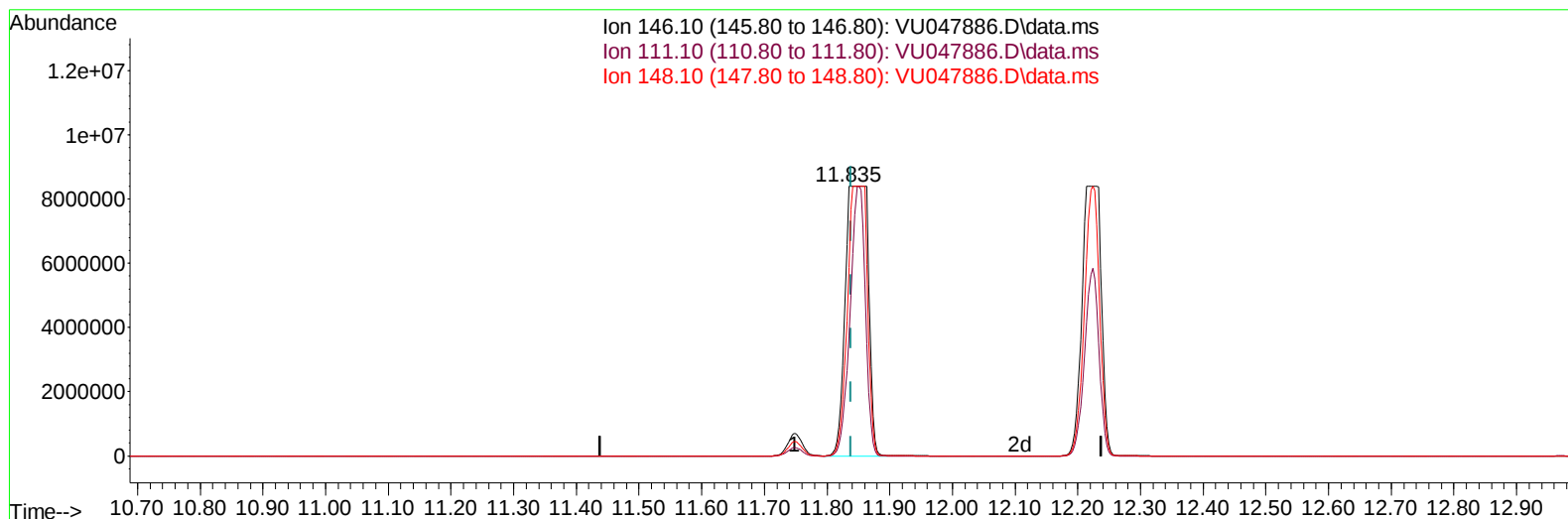
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
Data File : VU047886.D
Acq On : 08 Apr 2022 22:47
Operator : SY/MD
Sample : N2343-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J69

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

Quant Time: Apr 09 02:08:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
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Response via : Initial Calibration



TIC: VU047886.D\data.ms

(65) 1,4-Dichlorobenzene (T)

11.835min (-0.003) 2799.54 ug/L m

response 21458068

Ion	Exp%	Act%
146.10	100.00	100.00
111.10	36.20	44.74
148.10	63.60	69.91
0.00	0.00	0.00

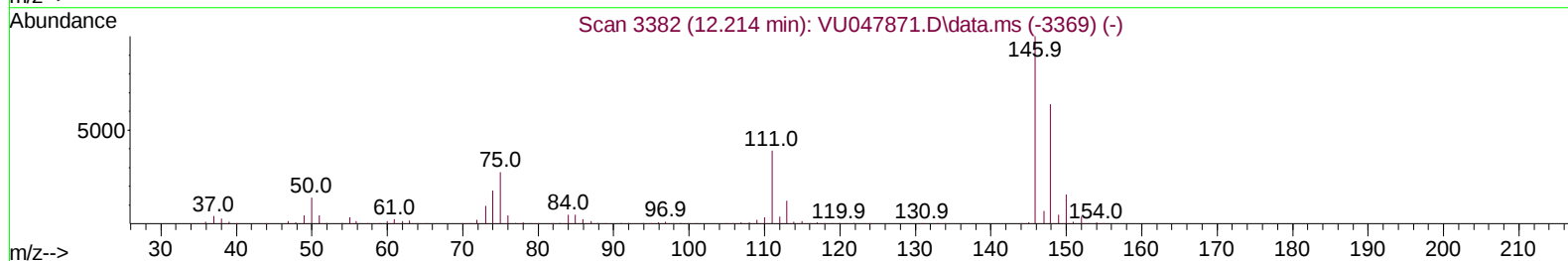
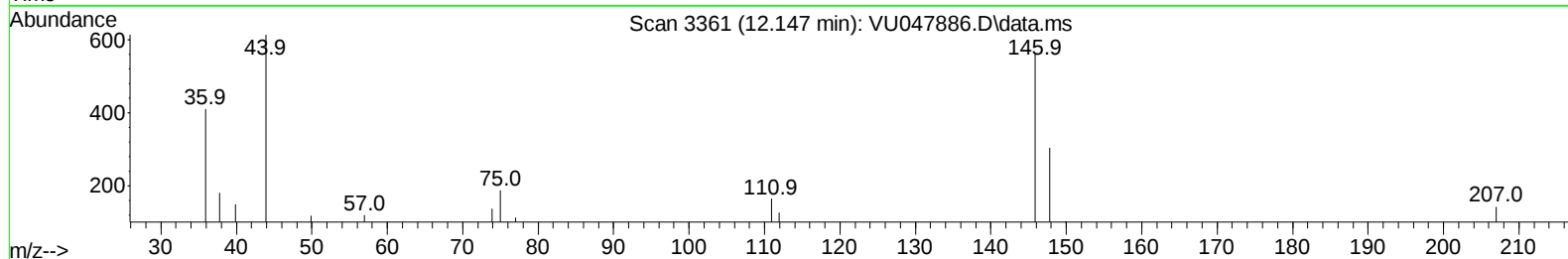
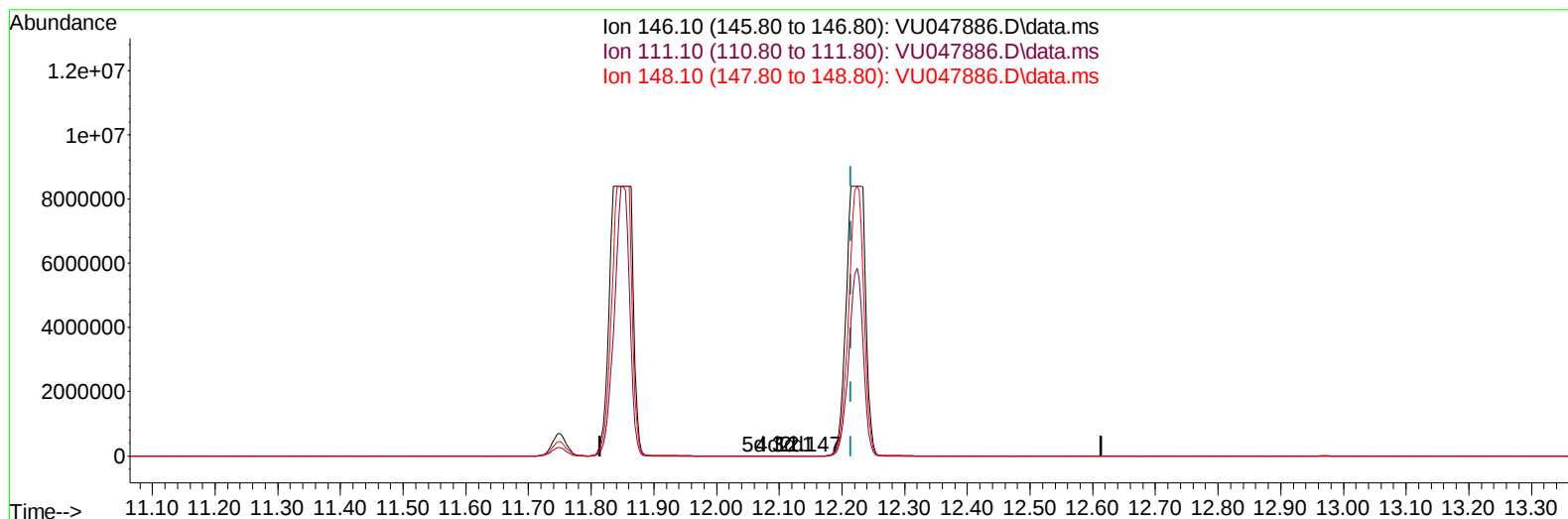
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
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 Acq On : 08 Apr 2022 22:47
 Operator : SY/MD
 Sample : N2343-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J69

Manual IntegrationsAPPROVED

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Reviewed By :John Carlone 04/14/2022
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TIC: VU047886.D\data.ms

(67) 1,2-Dichlorobenzene (T)

12.147min (-0.068) 0.02 ug/L

response 116

Ion	Exp%	Act%
146.10	100.00	100.00
111.10	39.60	29.18#
148.10	64.30	54.09
0.00	0.00	0.00

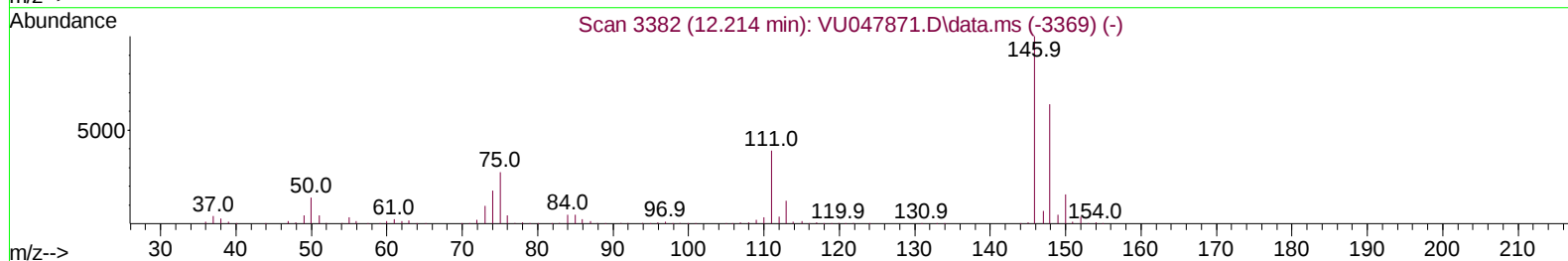
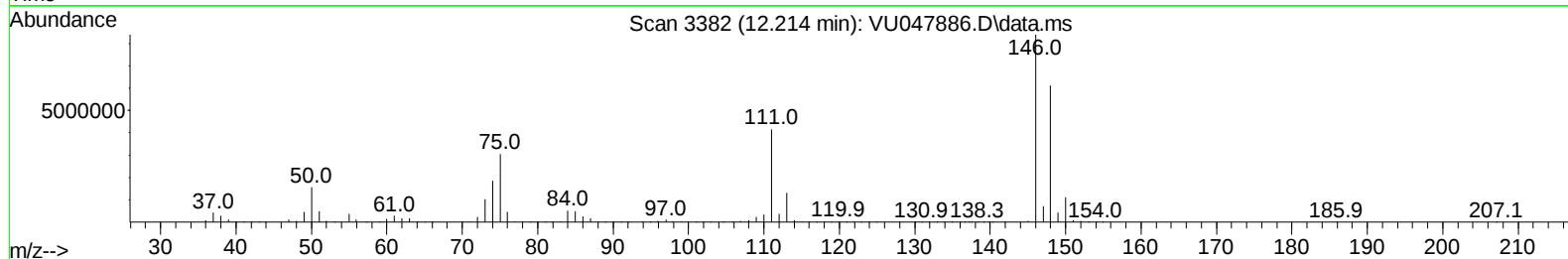
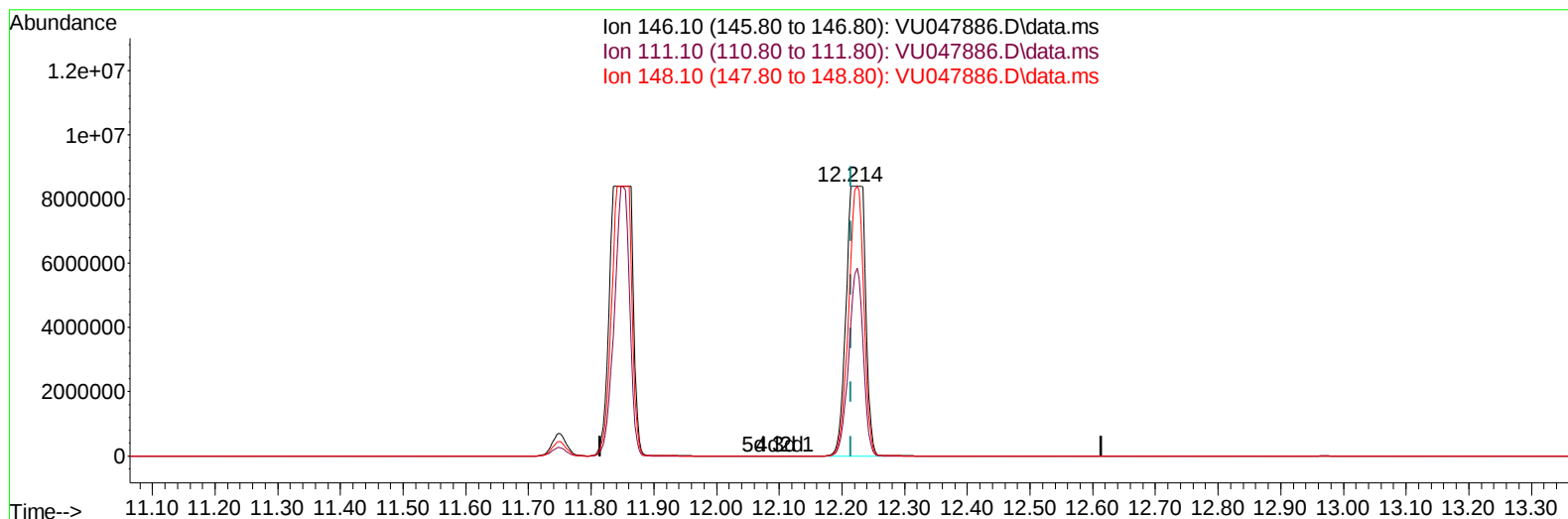
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 Data File : VU047886.D
 Acq On : 08 Apr 2022 22:47
 Operator : SY/MD
 Sample : N2343-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J69

Manual IntegrationsAPPROVED

Quant Time: Apr 09 02:08:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
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 Supervised By :Mahesh Dadoda 04/14/2022



TIC: VU047886.D\data.ms

(67) 1,2-Dichlorobenzene (T)

12.214min (-0.000) 2418.03 ug/L m

response 17903983

Ion	Exp%	Act%
146.10	100.00	100.00
111.10	39.60	49.65#
148.10	64.30	72.94
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
 Data File : VU047886.D
 Acq On : 08 Apr 2022 22:47
 Operator : SY/MD
 Sample : N2343-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J69

Manual IntegrationsAPPROVED

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Difluorobenzene	6.253	114		332628	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.436	117		370864	50.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.822	152		246343	50.000	ug/L	# 0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.600	65		108118	44.823	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135		Recovery	=	89.640%	
7) Chloroethane-d5	1.916	69		94242	49.550	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130		Recovery	=	99.100%	
11) 1,1-Dichloroethene-d2	2.568	63		142992	32.401	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125		Recovery	=	64.800%	
21) 2-Butanone-d5	4.620	46		178996	86.457	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130		Recovery	=	86.460%	
24) Chloroform-d	5.067	84		211475	47.915	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125		Recovery	=	95.840%	
26) 1,2-Dichloroethane-d4	5.713	65		132780	49.053	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125		Recovery	=	98.100%	
32) Benzene-d6	5.742	84		428263	45.892	ug/L	0.01
Spiked Amount 50.000	Range 70	- 125		Recovery	=	91.780%	
36) 1,2-Dichloropropane-d6	6.693	67		133815	46.692	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120		Recovery	=	93.380%	
41) Toluene-d8	7.899	98		375429	41.292	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120		Recovery	=	82.580%	
43) trans-1,3-Dichloroprop...	8.179	79		57196	39.393	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125		Recovery	=	78.780%	
47) 2-Hexanone-d5	8.636	63		137869	82.176	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130		Recovery	=	82.180%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84		222318	45.201	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120		Recovery	=	90.400%	
66) 1,2-Dichlorobenzene-d4	12.201	152		207430	47.329	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120		Recovery	=	94.660%	
Target Compounds							
						Qvalue	
13) Acetone	2.626	43		6290	3.265	ug/L	87
14) Carbon disulfide	2.797	76		7754	1.075	ug/L #	95
25) Chloroform	5.089	83		211626	46.311	ug/L	98
29) Cyclohexane	5.388	56		8246	2.191	ug/L	96
33) Benzene	5.764	78		39789108m	3706.568	ug/L	
42) Toluene	7.973	91		13688	1.162	ug/L	99
51) Chlorobenzene	9.443	112		34322634m	4291.649	ug/L	
64) 1,3-Dichlorobenzene	11.748	146		1116352	150.859	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146		21458068m	2799.537	ug/L	
67) 1,2-Dichlorobenzene	12.214	146		17903983m	2418.029	ug/L	
70) 1,2,4-trichlorobenzene	13.841	180		1242659	236.065	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180		72842	13.803	ug/L	99

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

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