

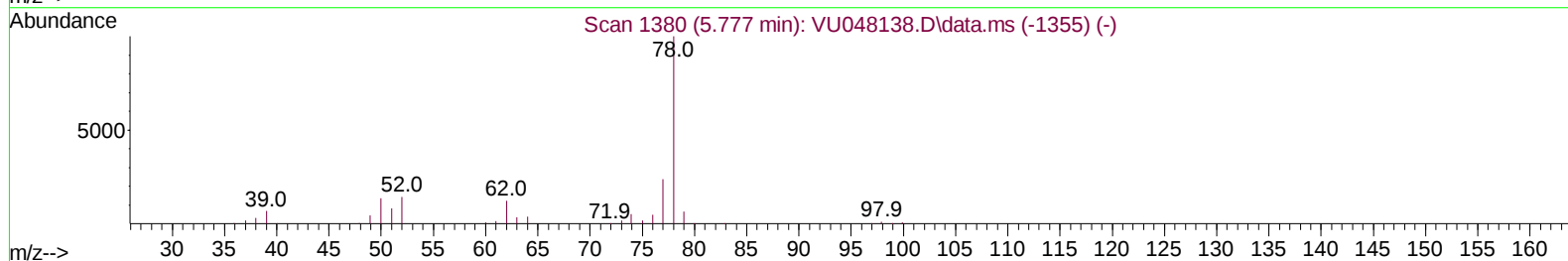
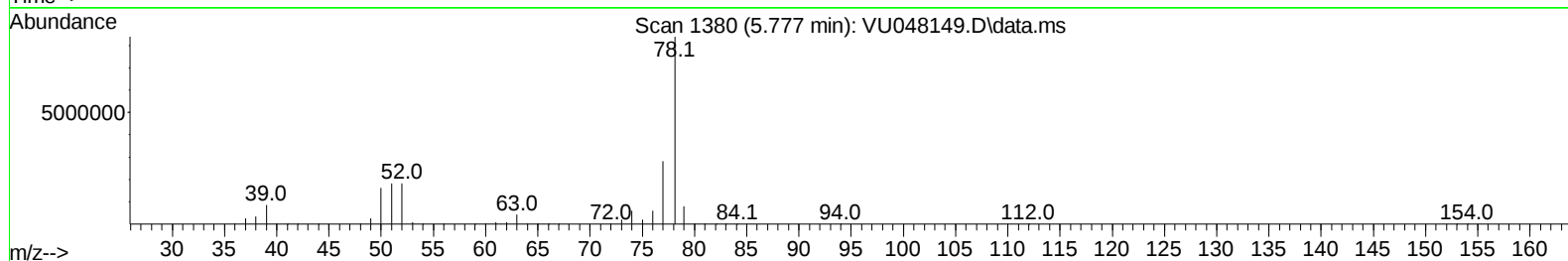
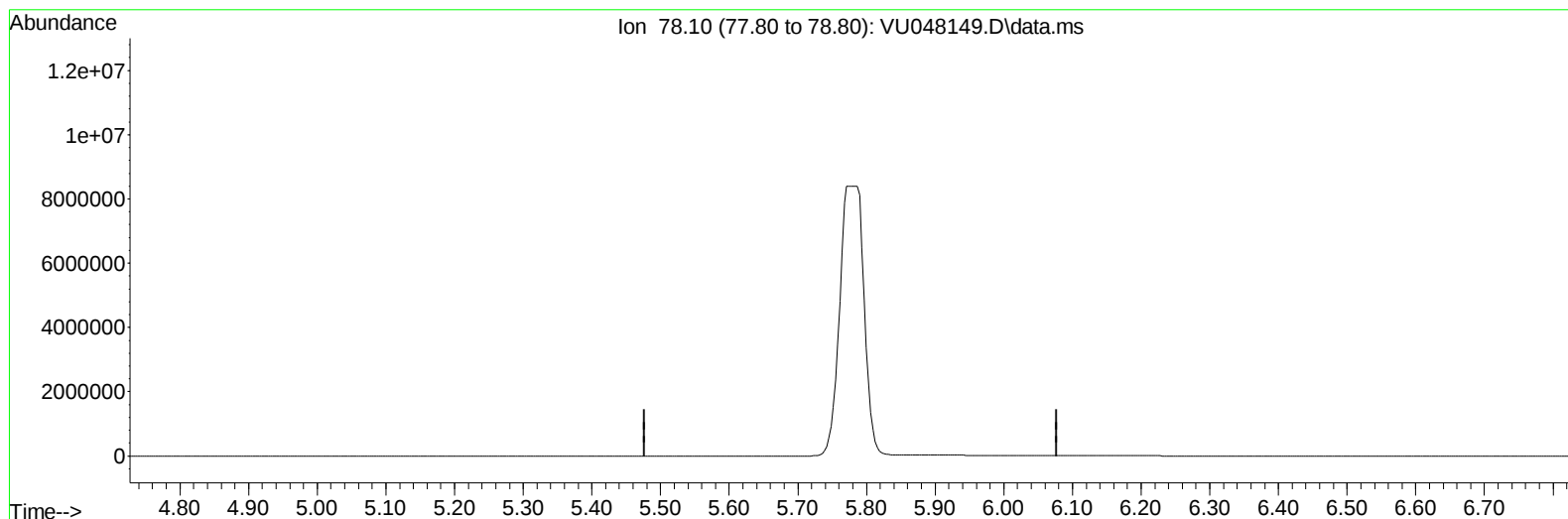
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
Data File : VU048149.D
Acq On : 20 Apr 2022 17:41
Operator : SY/MD
Sample : N2485-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J21

Manual IntegrationsAPPROVED

Quant Time: Apr 21 02:43:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 21 02:37:57 2022
Response via : Initial Calibration

Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



TIC: VU048149.D\data.ms

(33) Benzene (T)

5.777min (-5.777) 0.00 ug/L

response 0

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

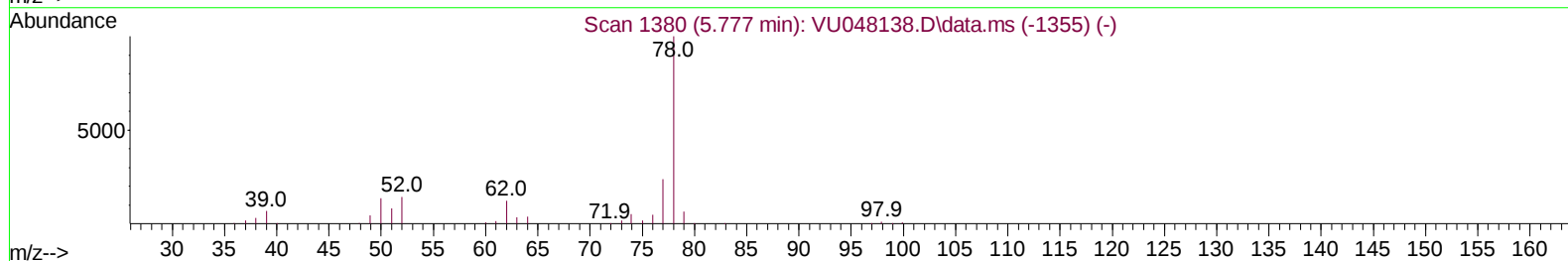
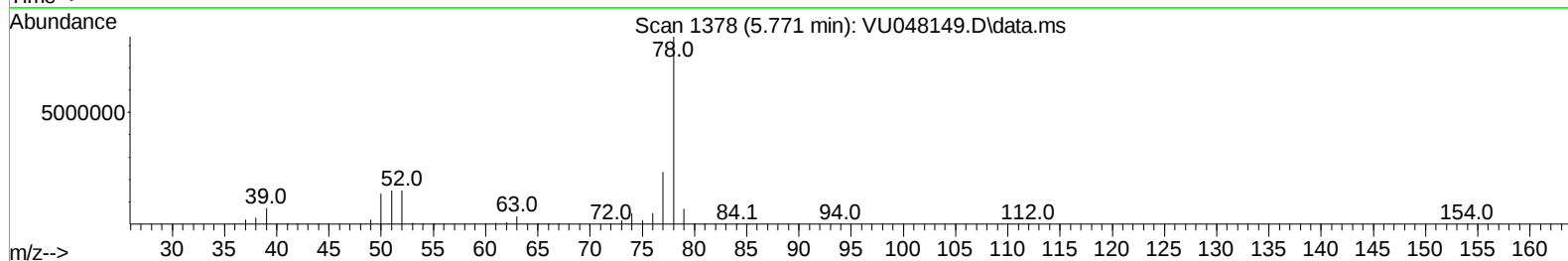
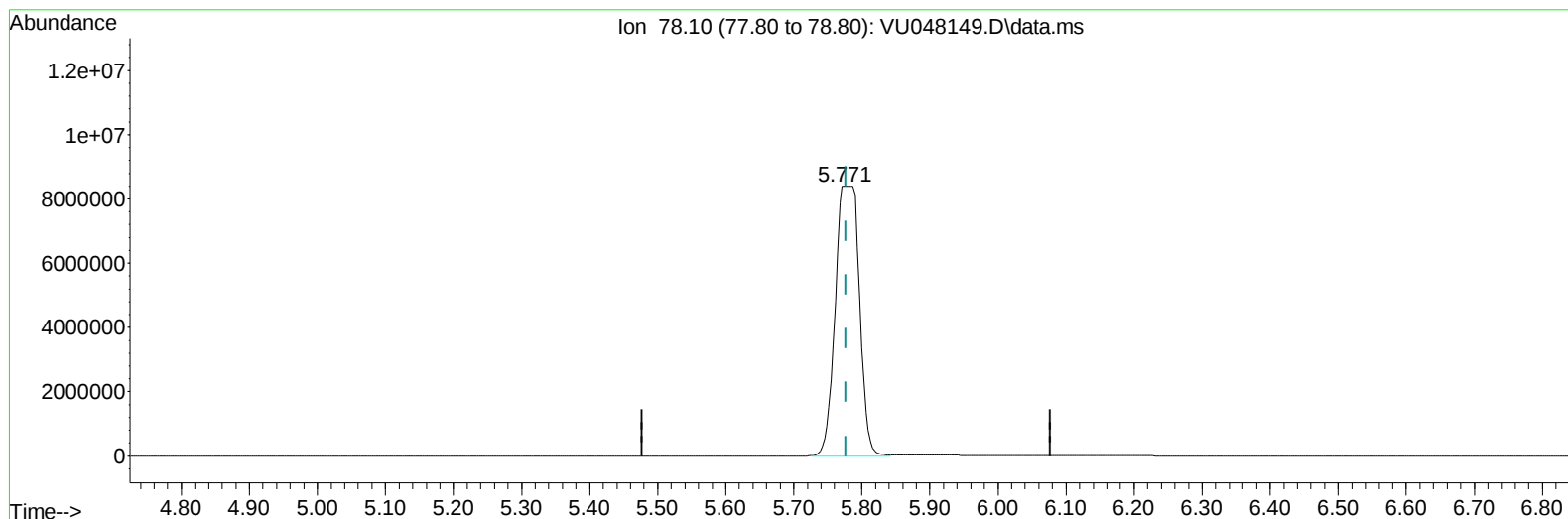
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
Data File : VU048149.D
Acq On : 20 Apr 2022 17:41
Operator : SY/MD
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Manual IntegrationsAPPROVED

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Quant Title : VOC Analysis
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Supervised By :Mahesh Dadoda 04/21/2022



TIC: VU048149.D\data.ms

(33) Benzene (T)

5.771min (-0.006) 1829.29 ug/L m

response 20668983

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

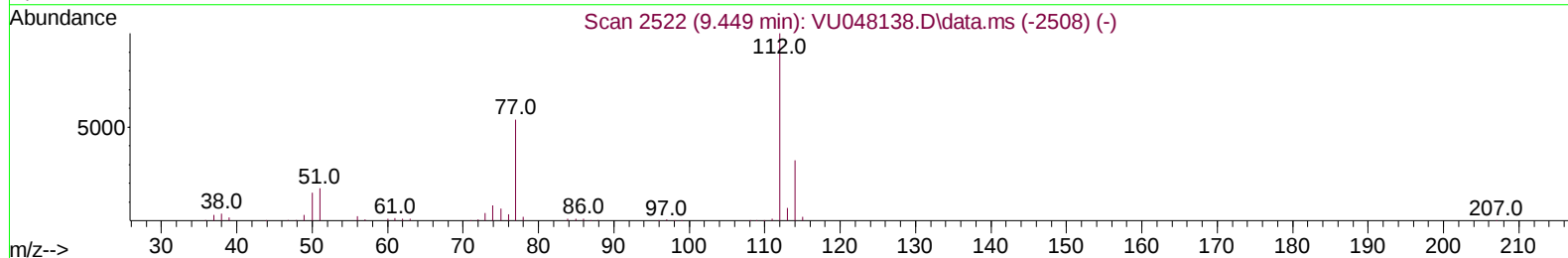
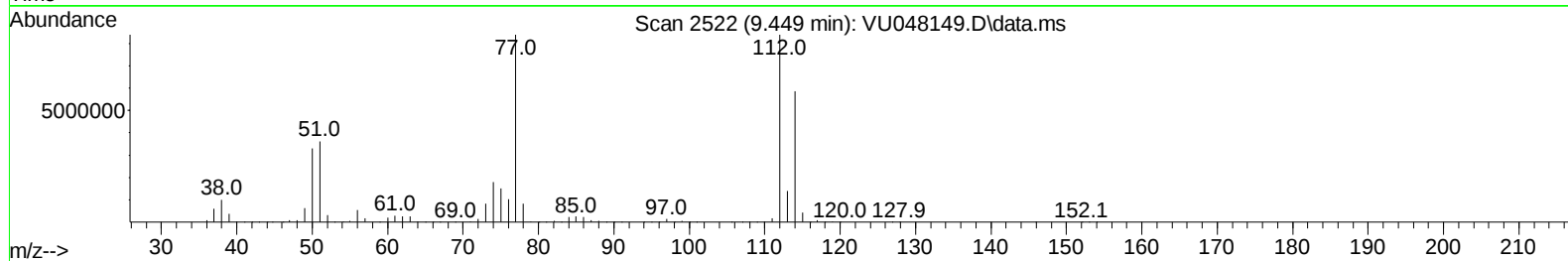
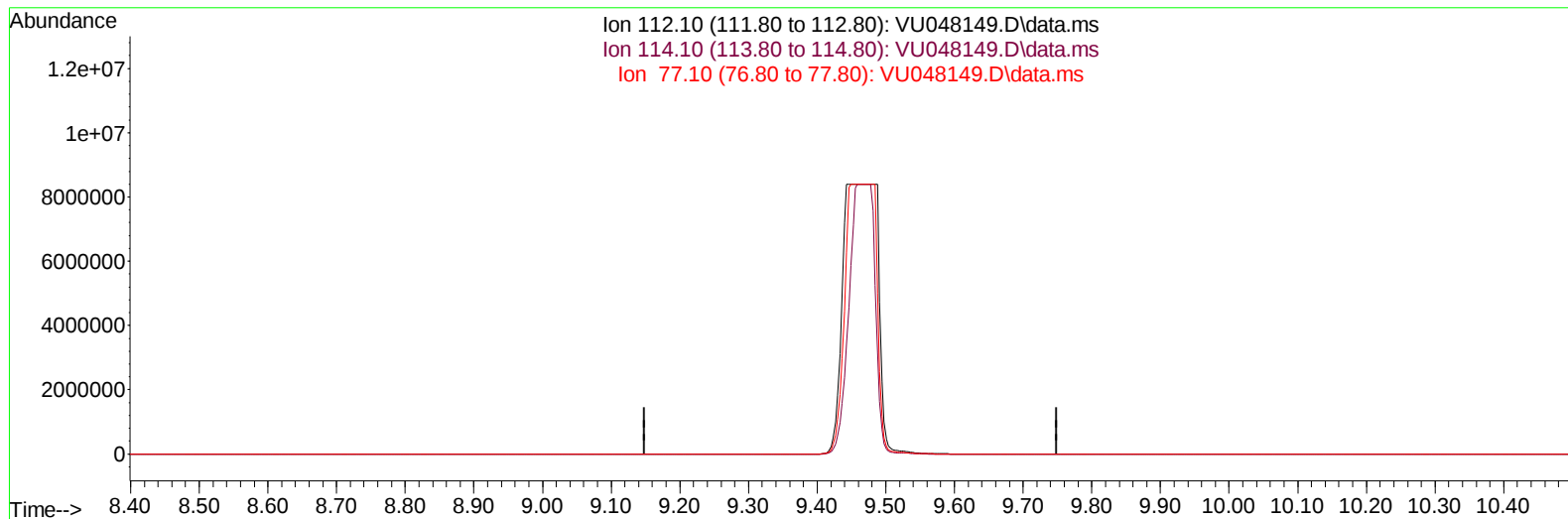
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048149.D
 Acq On : 20 Apr 2022 17:41
 Operator : SY/MD
 Sample : N2485-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J21

Manual IntegrationsAPPROVED

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TIC: VU048149.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

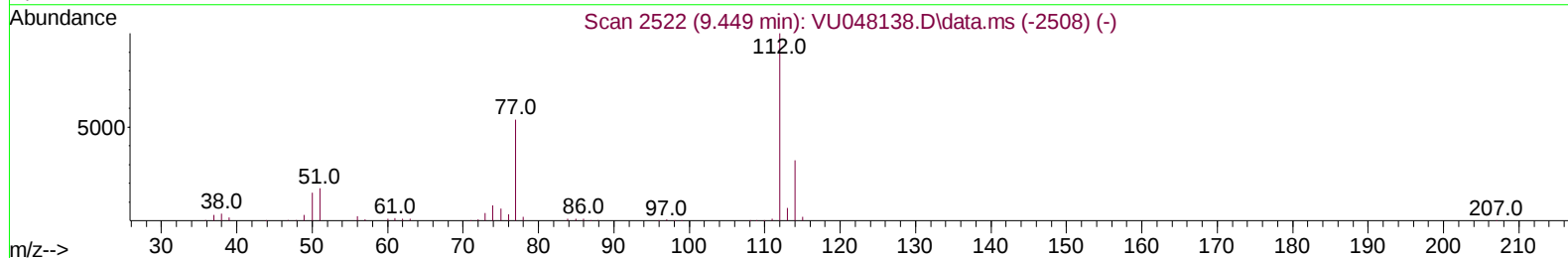
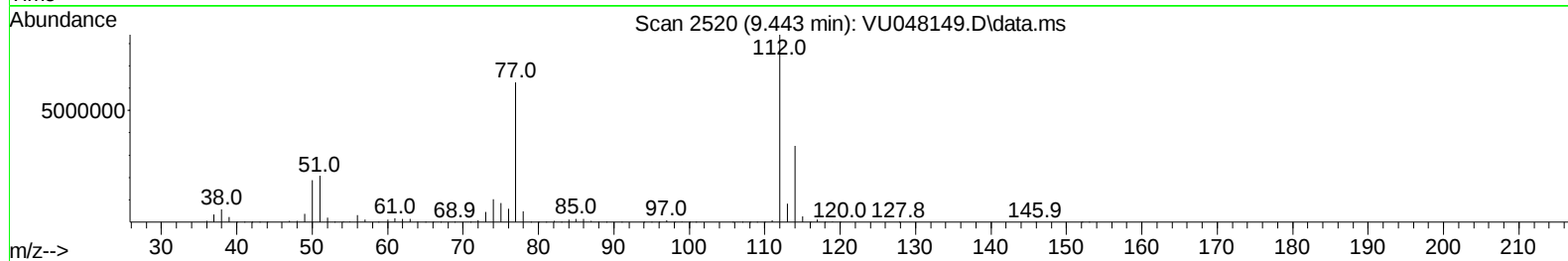
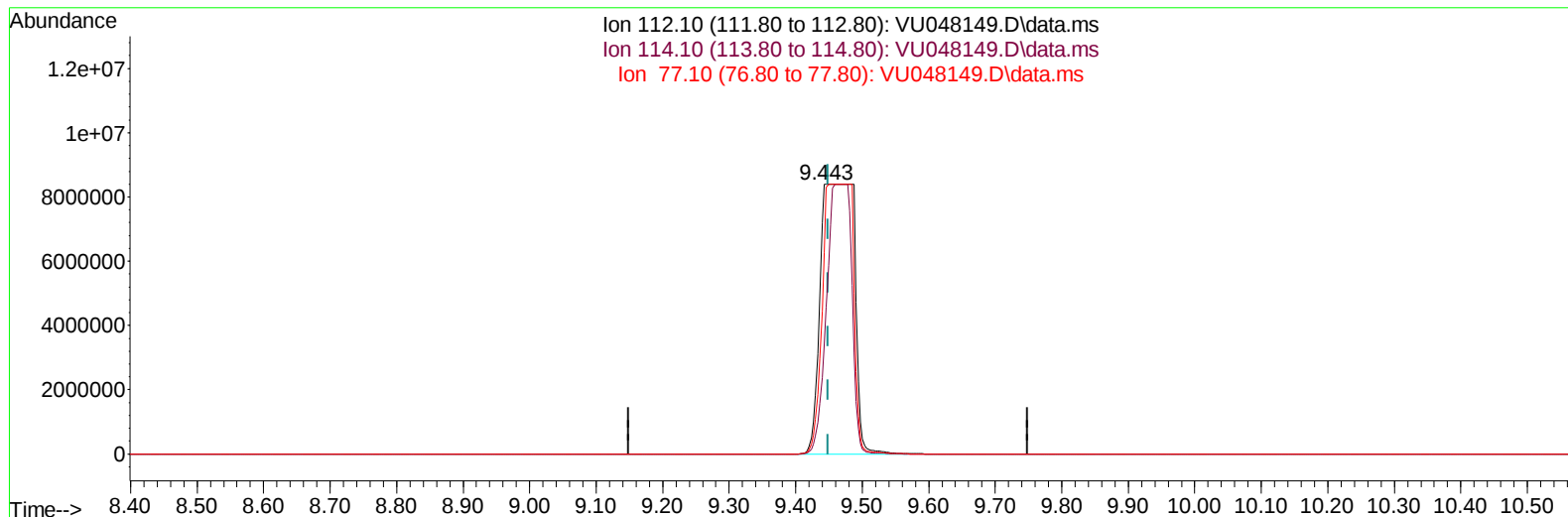
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048149.D
 Acq On : 20 Apr 2022 17:41
 Operator : SY/MD
 Sample : N2485-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J21

Manual IntegrationsAPPROVED

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 Quant Title : VOC Analysis
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Reviewed By :John Carlone 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022



TIC: VU048149.D\data.ms

(51) Chlorobenzene (T)

9.443min (-0.006) 3544.14 ug/L m

response 29834032

Ion	Exp%	Act%
112.10	100.00	100.00
114.10	31.60	40.58
77.10	54.20	74.67#
0.00	0.00	0.00

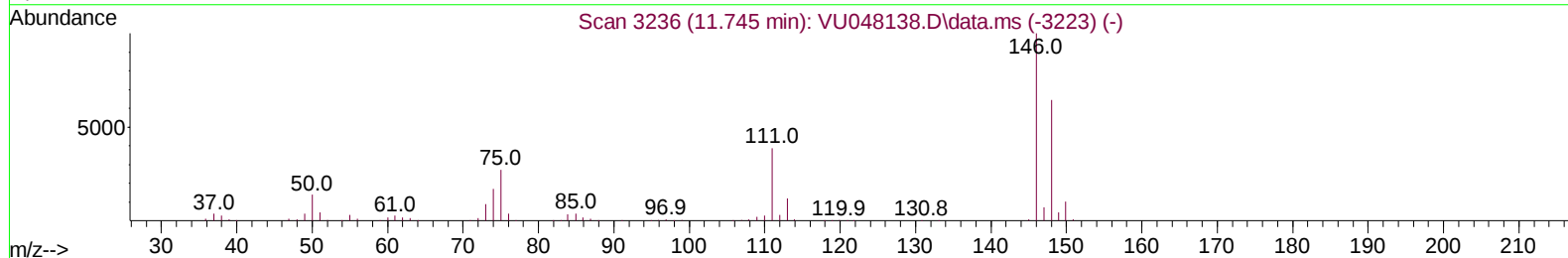
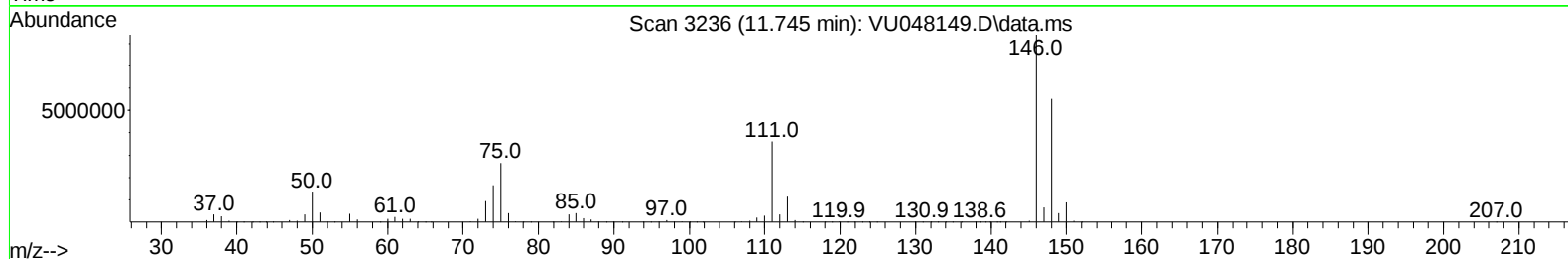
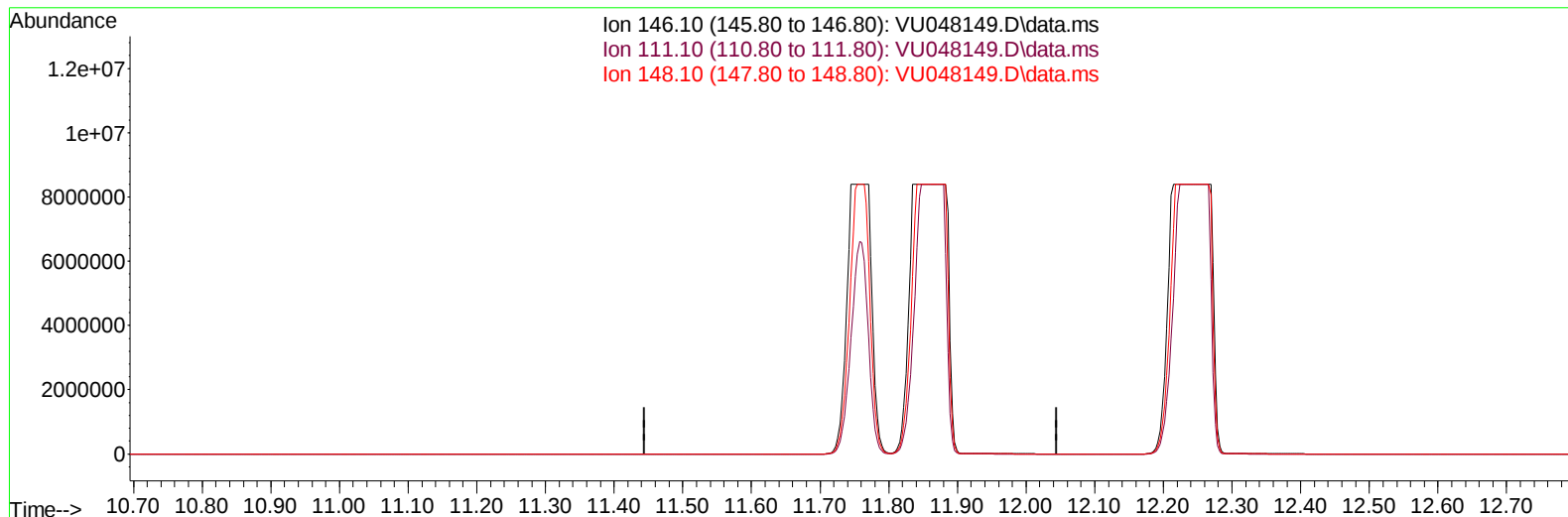
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048149.D
 Acq On : 20 Apr 2022 17:41
 Operator : SY/MD
 Sample : N2485-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J21

Manual IntegrationsAPPROVED

Quant Time: Apr 21 02:43:44 2022
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TIC: VU048149.D\data.ms

(64) 1,3-Dichlorobenzene (T)

11.745min (-11.745) 0.00 ug/L

response 0

Ion	Exp%	Act%
146.10	100.00	0.00
111.10	38.20	0.00#
148.10	63.50	0.00#
0.00	0.00	0.00

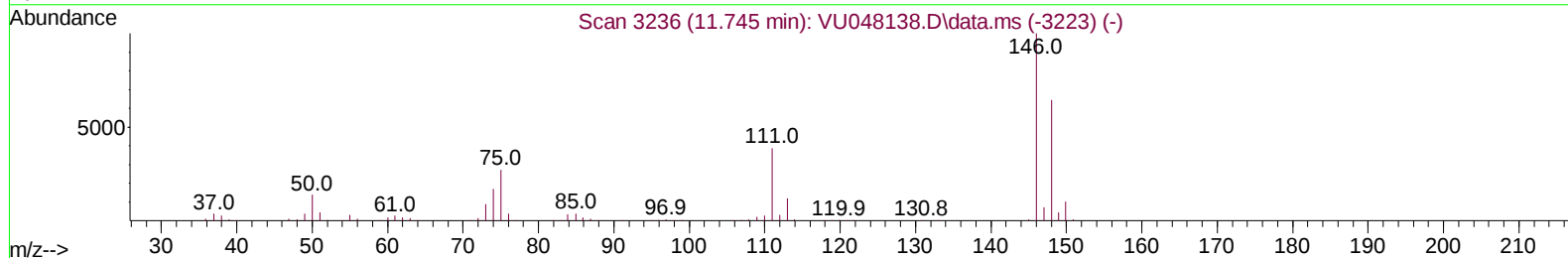
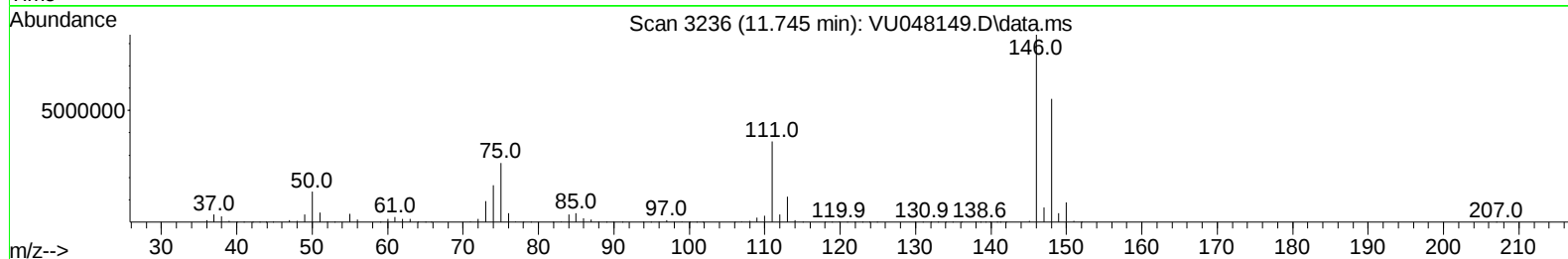
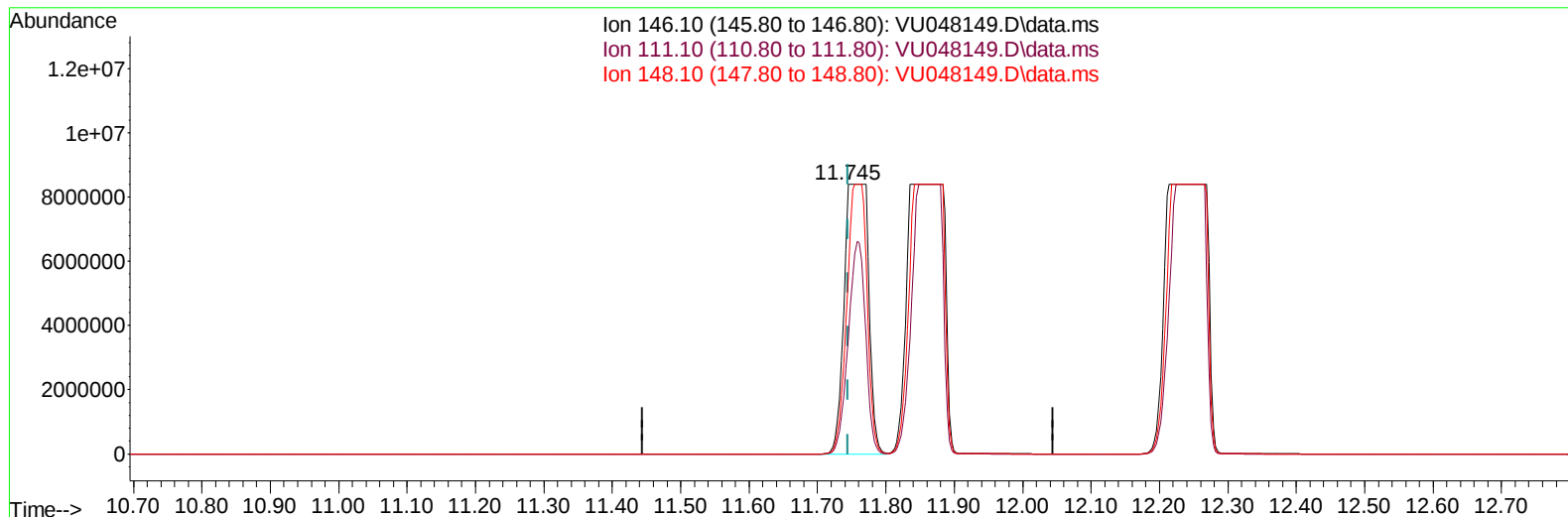
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
Data File : VU048149.D
Acq On : 20 Apr 2022 17:41
Operator : SY/MD
Sample : N2485-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J21

Manual IntegrationsAPPROVED

Quant Time: Apr 21 02:43:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
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QLast Update : Thu Apr 21 02:37:57 2022
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Supervised By :Mahesh Dadoda 04/21/2022



TIC: VU048149.D\data.ms

(64) 1,3-Dichlorobenzene (T)

11.745min (+ 0.000) 2489.18 ug/L m

response 20620394

Ion	Exp%	Act%
146.10	100.00	100.00
111.10	38.20	42.95
148.10	63.50	65.64
0.00	0.00	0.00

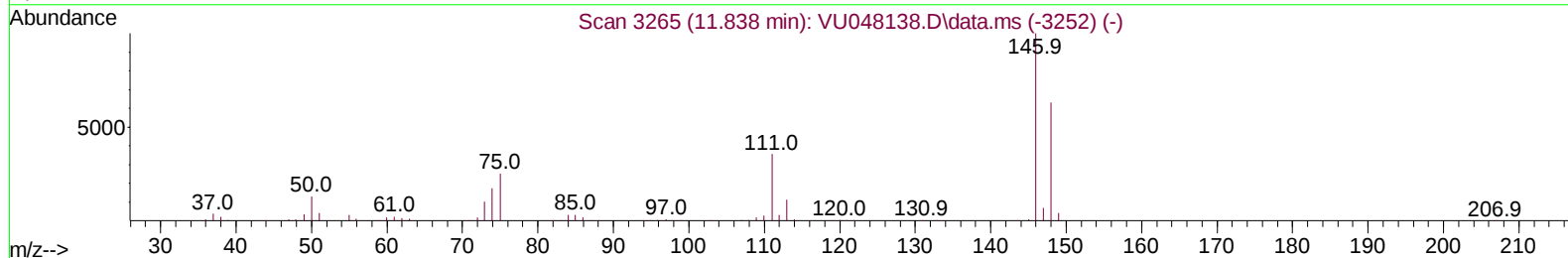
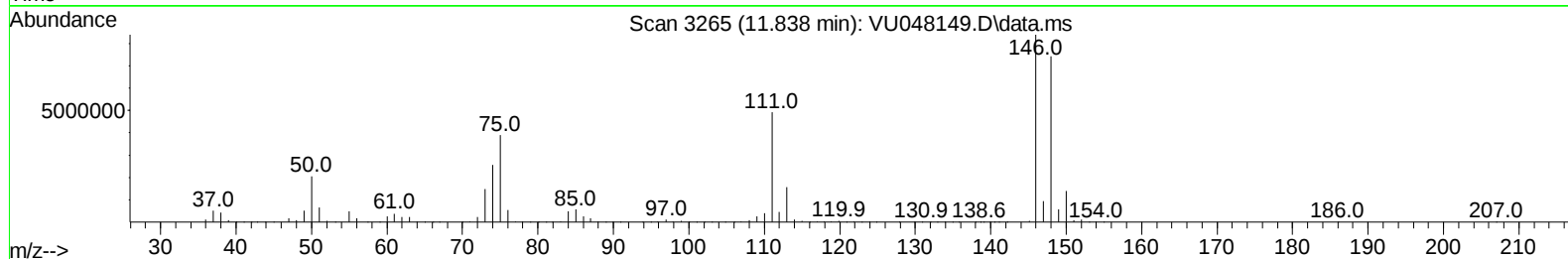
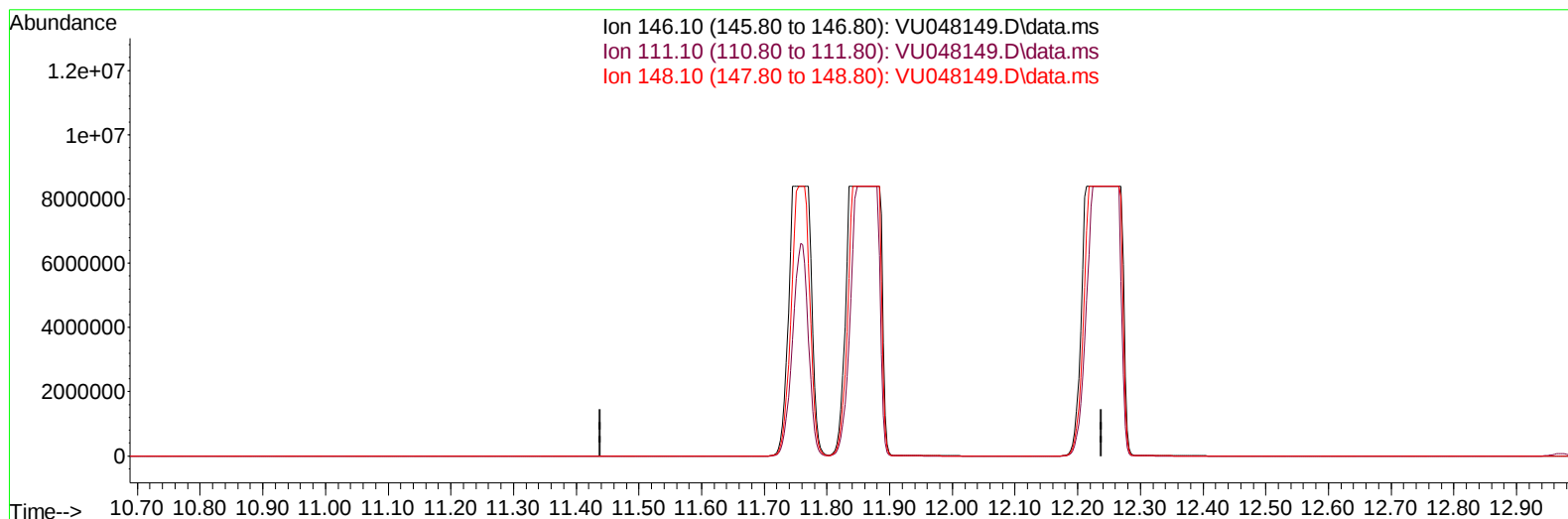
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048149.D
 Acq On : 20 Apr 2022 17:41
 Operator : SY/MD
 Sample : N2485-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J21

Manual IntegrationsAPPROVED

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TIC: VU048149.D\data.ms

(65) 1,4-Dichlorobenzene (T)

11.838min (-11.838) 0.00 ug/L

response 0

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

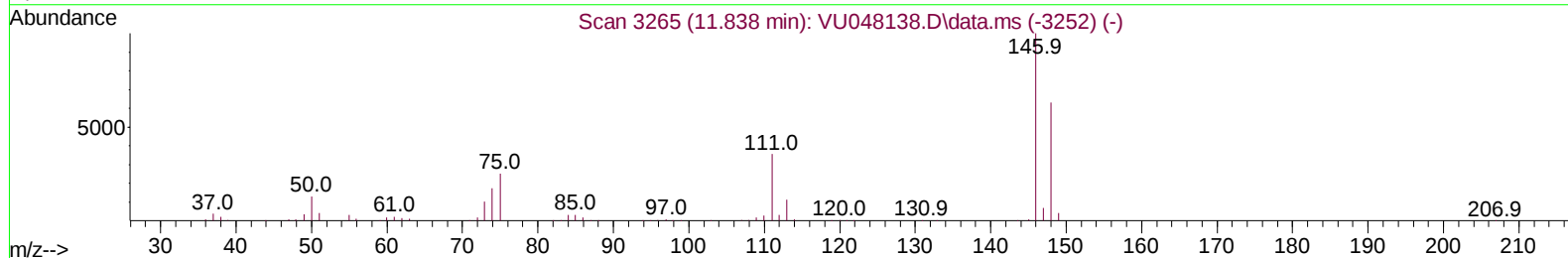
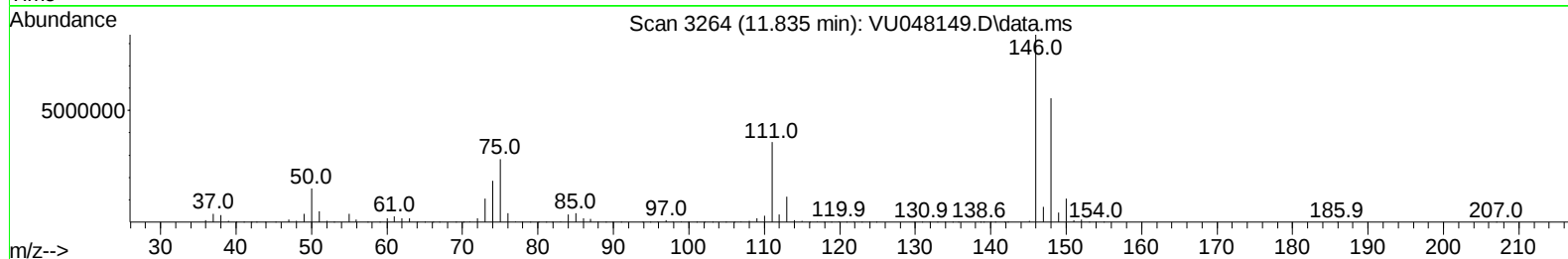
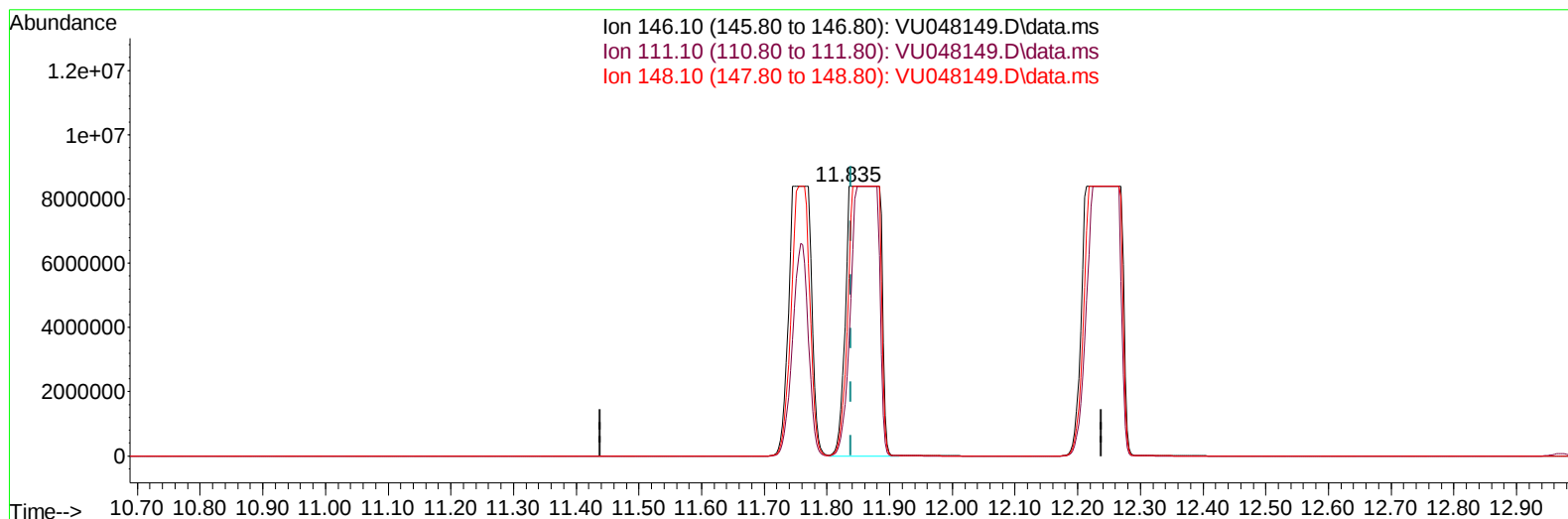
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048149.D
 Acq On : 20 Apr 2022 17:41
 Operator : SY/MD
 Sample : N2485-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J21

Manual IntegrationsAPPROVED

Quant Time: Apr 21 02:43:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 21 02:37:57 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022



TIC: VU048149.D\data.ms

(65) 1,4-Dichlorobenzene (T)

11.835min (-0.003) 3653.50 ug/L m

response 31348957

Ion	Exp%	Act%
146.10	100.00	100.00
111.10	36.20	42.59
148.10	63.60	66.00
0.00	0.00	0.00

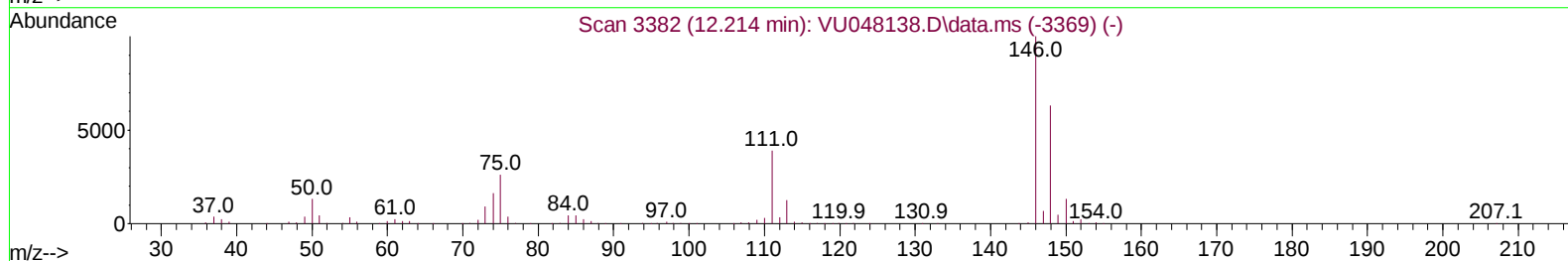
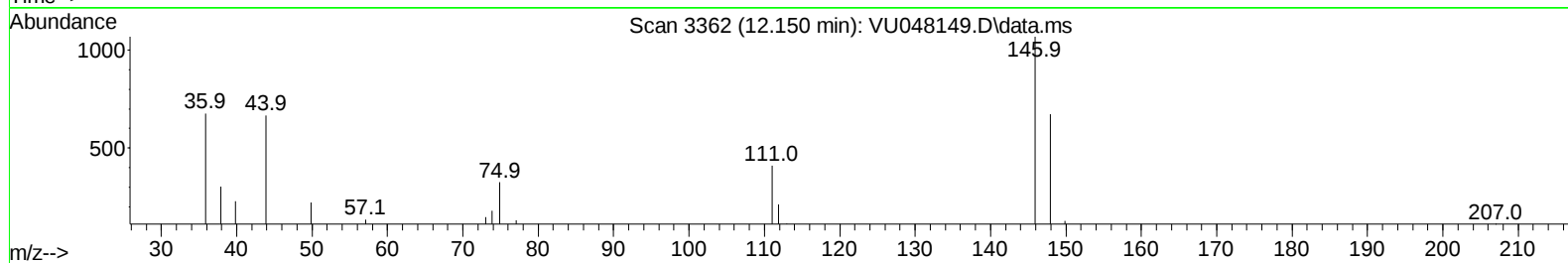
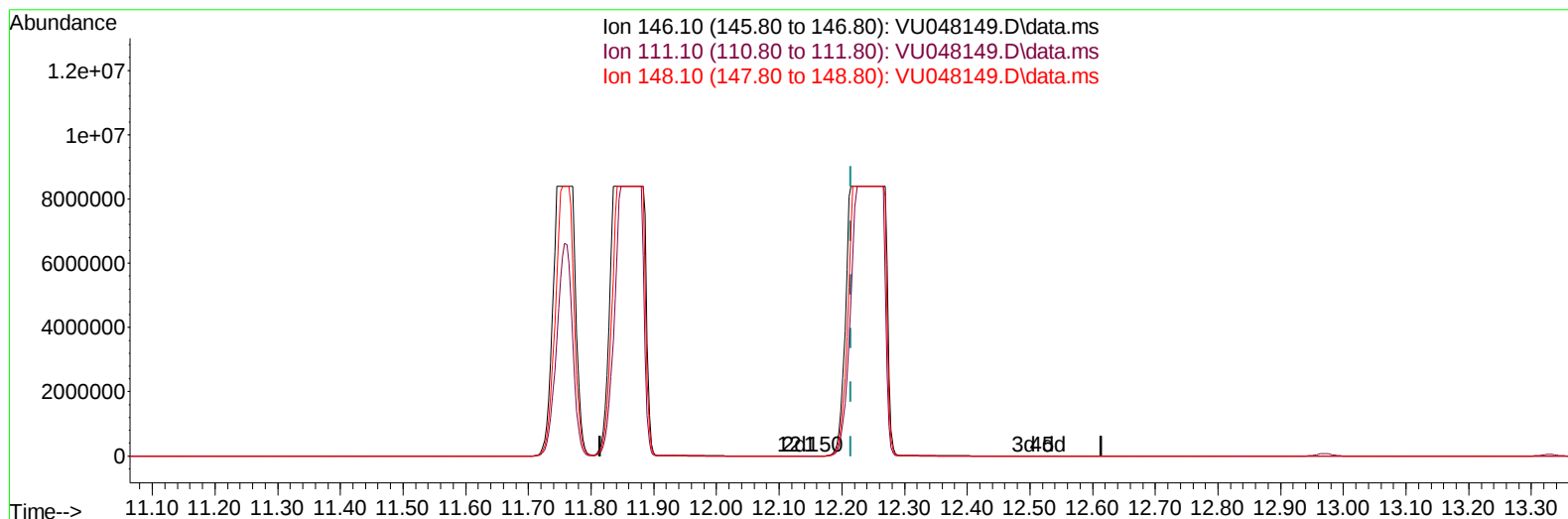
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048149.D
 Acq On : 20 Apr 2022 17:41
 Operator : SY/MD
 Sample : N2485-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 3

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J21

Manual IntegrationsAPPROVED

Quant Time: Apr 21 02:43:44 2022
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 Supervised By :Mahesh Dadoda 04/21/2022



TIC: VU048149.D\data.ms

(67) 1,2-Dichlorobenzene (T)

12.150min (-0.064) 0.01 ug/L

response 43

Ion	Exp%	Act%
146.10	100.00	100.00
111.10	39.60	38.61
148.10	64.30	62.89
0.00	0.00	0.00

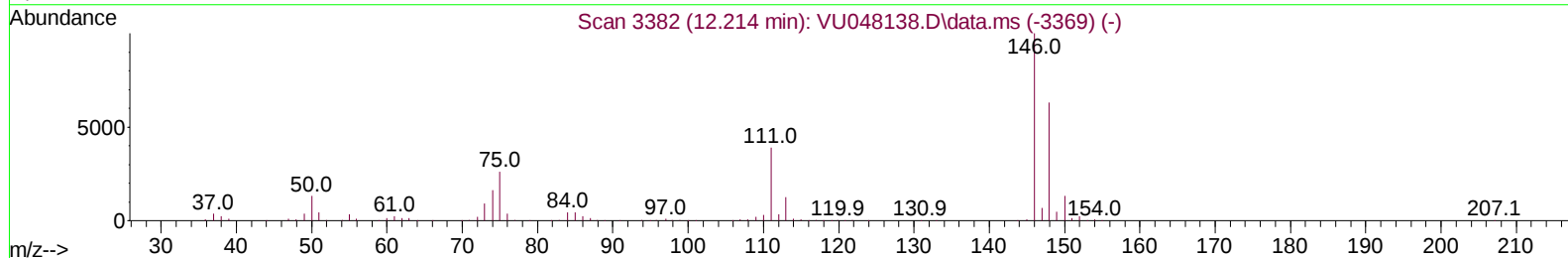
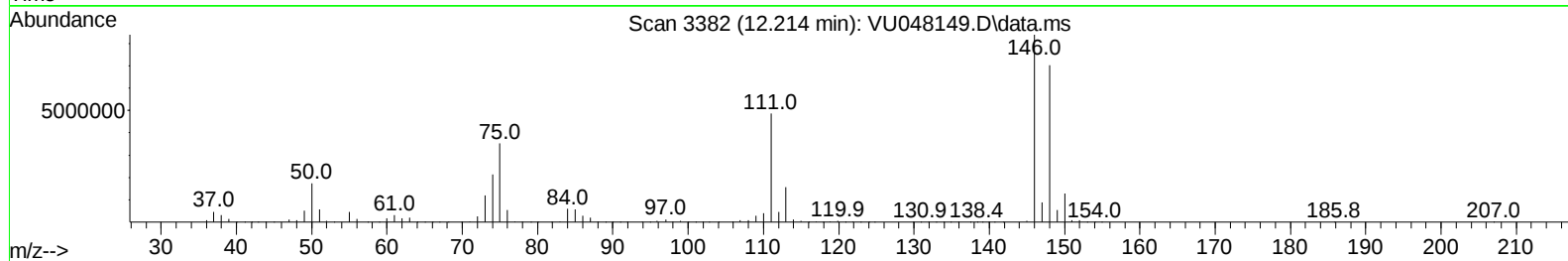
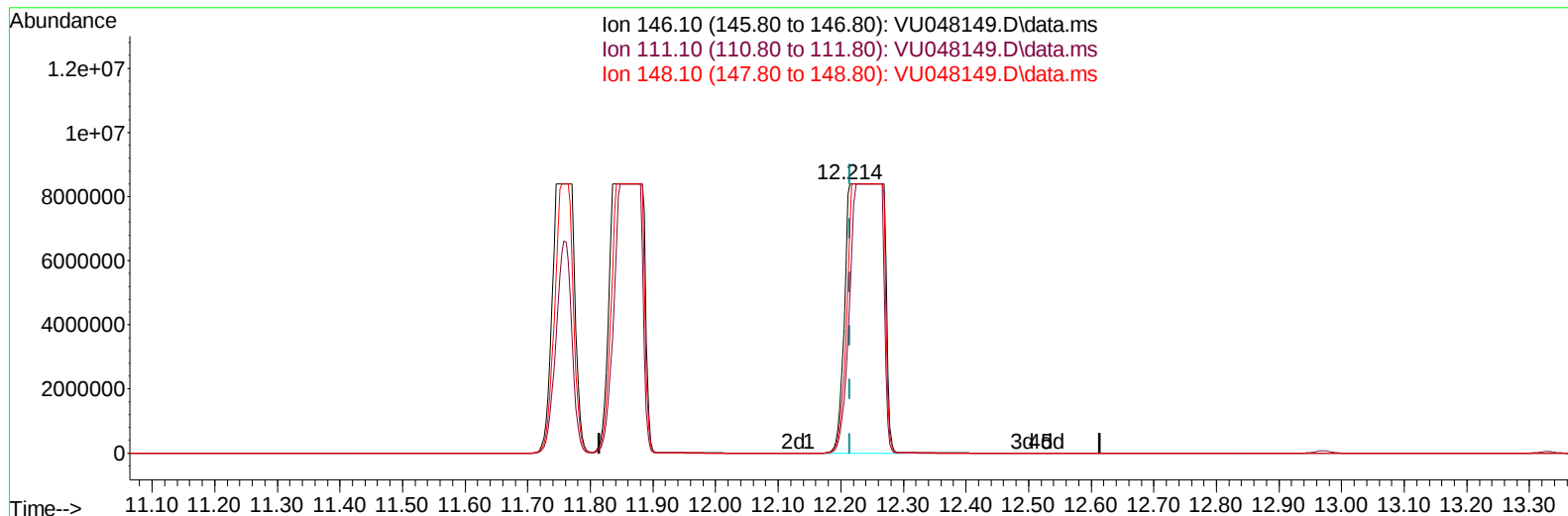
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048149.D
 Acq On : 20 Apr 2022 17:41
 Operator : SY/MD
 Sample : N2485-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J21

Manual IntegrationsAPPROVED

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TIC: VU048149.D\data.ms

(67) 1,2-Dichlorobenzene (T)

12.214min (+ 0.000) 4270.22 ug/L m

response 35395514

Ion	Exp%	Act%
146.10	100.00	100.00
111.10	39.60	57.82#
148.10	64.30	83.60#
0.00	0.00	0.00

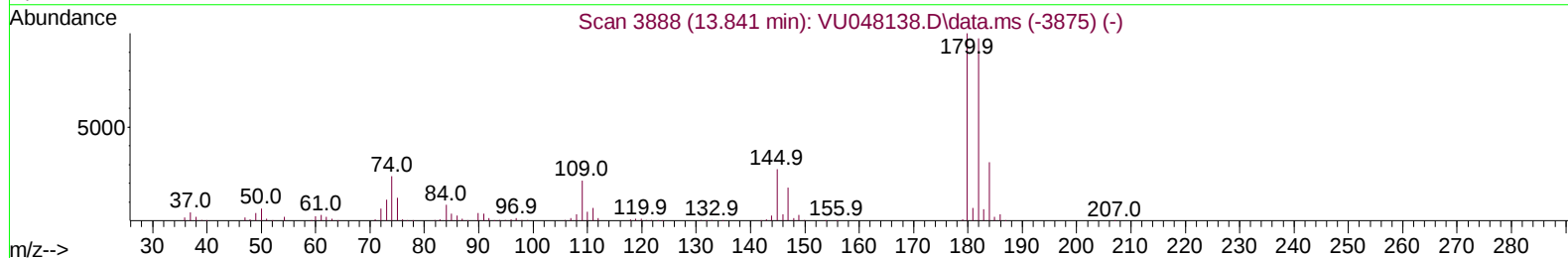
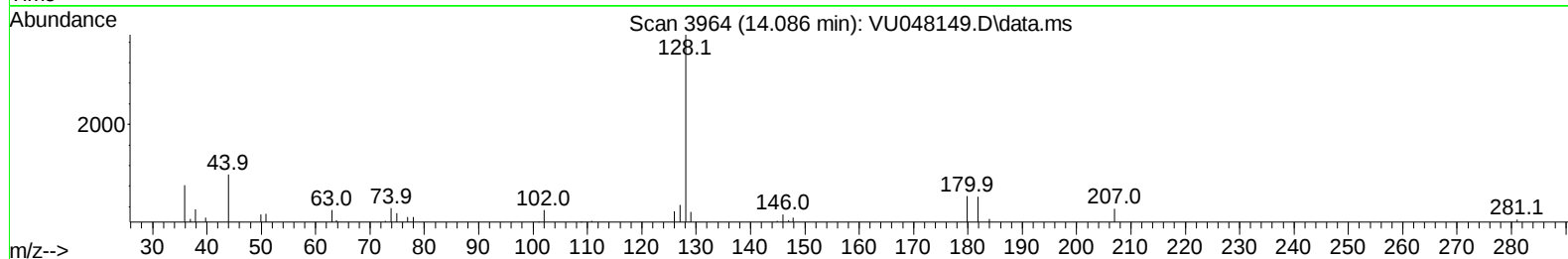
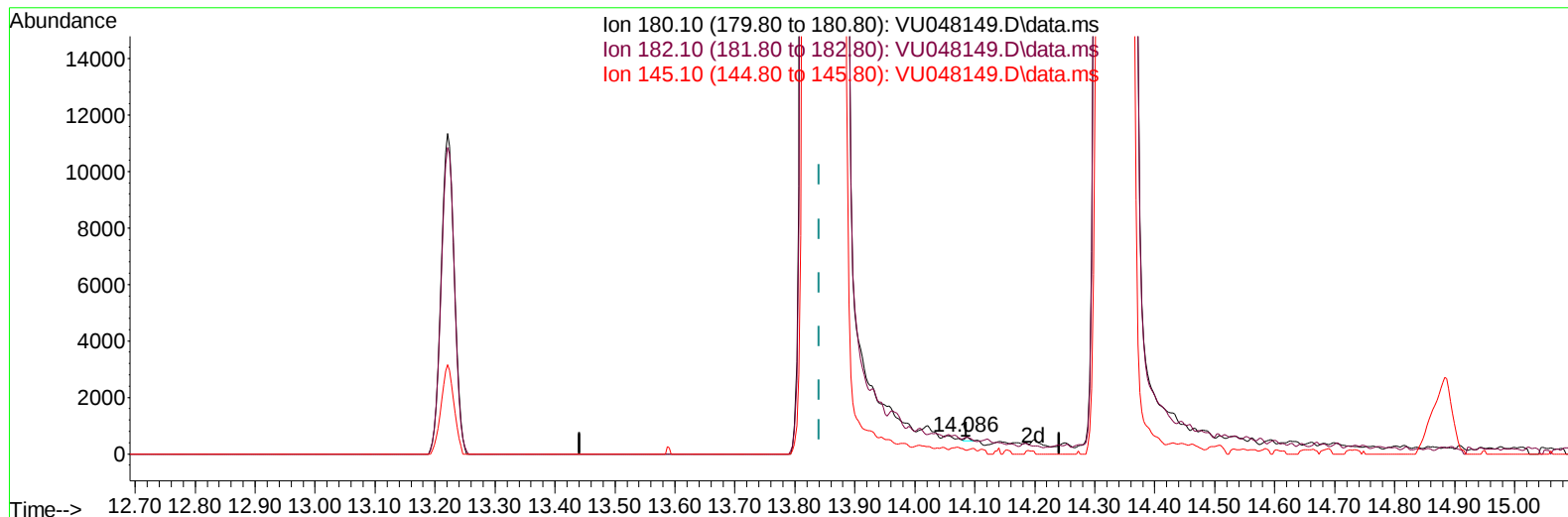
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Instrument :
 MSVOA_U
 ClientSampleId :
 C0J21

Manual IntegrationsAPPROVED

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TIC: VU048149.D\data.ms

(70) 1,2,4-trichlorobenzene (T)

14.086min (+ 0.244) 0.01 ug/L

response 79

Ion	Exp%	Act%
180.10	100.00	100.00
182.10	95.20	0.00#
145.10	27.30	110.13#
0.00	0.00	0.00

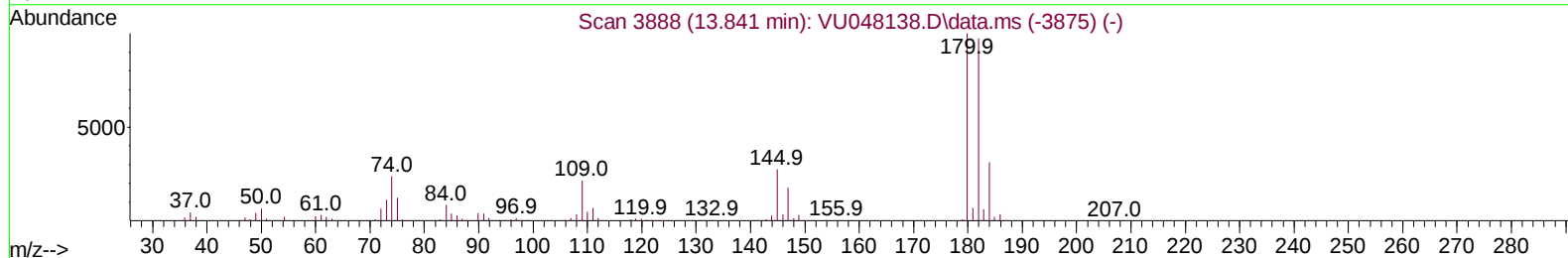
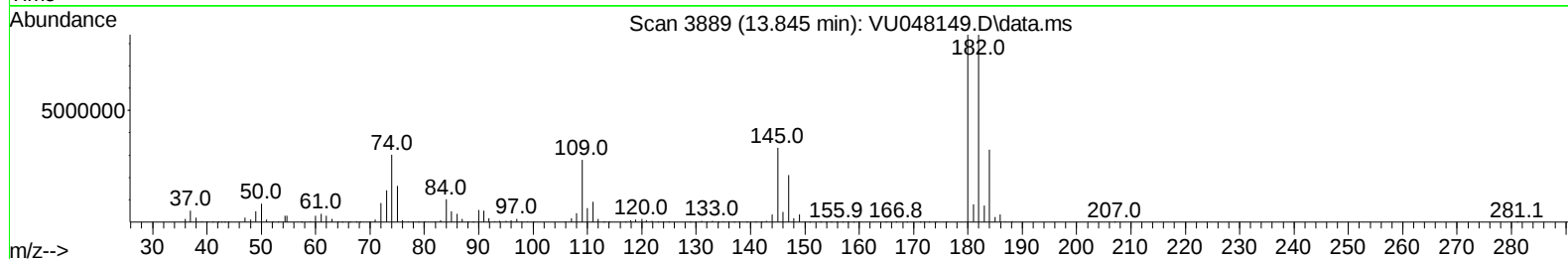
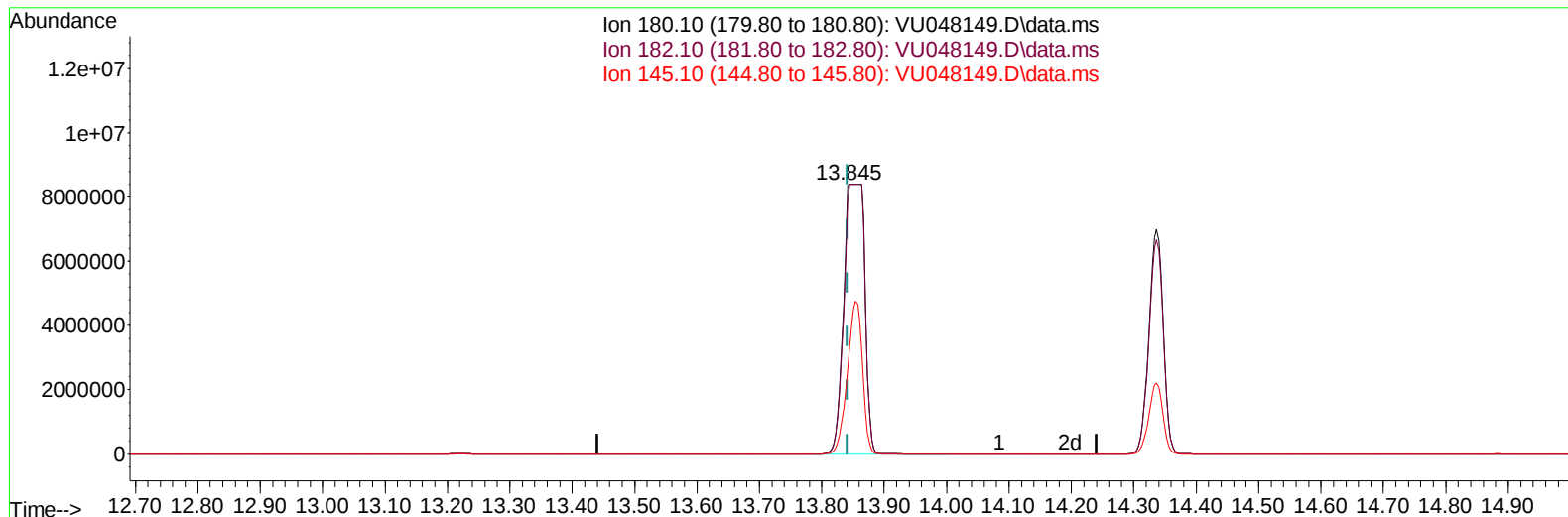
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 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J21

Manual IntegrationsAPPROVED

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TIC: VU048149.D\data.ms

(70) 1,2,4-trichlorobenzene (T)

13.845min (+ 0.003) 3343.86 ug/L m

response 19705068

Ion	Exp%	Act%
180.10	100.00	100.00
182.10	95.20	0.00#
145.10	27.30	0.00#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	362272	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.430	117	390355	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.832	152	275772	50.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	108842	41.431	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	82.860%	
7) Chloroethane-d5	1.916	69	92966	44.880	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	89.760%	
11) 1,1-Dichloroethene-d2	2.568	63	145825	30.339	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	60.680%	
21) 2-Butanone-d5	4.626	46	191530	84.941	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	84.940%	
24) Chloroform-d	5.067	84	226087	47.034	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	94.060%	
26) 1,2-Dichloroethane-d4	5.703	65	129122	43.798	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	87.600%	
32) Benzene-d6	5.732	84	420412	42.801	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	85.600%	
36) 1,2-Dichloropropane-d6	6.694	67	135563	44.940	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	89.880%	
41) Toluene-d8	7.899	98	361808	37.807	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	75.620%#	
43) trans-1,3-Dichloroprop...	8.179	79	57952	37.921	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	75.840%	
47) 2-Hexanone-d5	8.636	63	137569	77.903	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	77.900%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	225847	43.626	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	87.260%	
66) 1,2-Dichlorobenzene-d4	12.221	152	221913	45.231	ug/L	0.03
Spiked Amount 50.000	Range 80	- 120	Recovery	=	90.460%	
Target Compounds						
					Qvalue	
13) Acetone	2.639	43	10031	4.780	ug/L	93
25) Chloroform	5.089	83	454354	91.293	ug/L	97
29) Cyclohexane	5.391	56	9948	2.511	ug/L	98
31) Carbon tetrachloride	5.527	117	168498	42.157	ug/L	99
33) Benzene	5.771	78	20668983m	1829.287	ug/L	
35) Methylcyclohexane	6.768	83	7533	1.672	ug/L #	86
38) Bromodichloromethane	7.108	83	2181	0.553	ug/L #	94
42) Toluene	7.970	91	18025	1.454	ug/L	98
46) Tetrachloroethene	8.555	164	3441	1.293	ug/L	93
51) Chlorobenzene	9.443	112	29834032m	3544.136	ug/L	
64) 1,3-Dichlorobenzene	11.745	146	20620394m	2489.183	ug/L	
65) 1,4-Dichlorobenzene	11.835	146	31348957m	3653.497	ug/L	
67) 1,2-Dichlorobenzene	12.214	146	35395514m	4270.219	ug/L	
69) 1,3,5-Trichlorobenzene	13.221	180	17450	2.594	ug/L	99
70) 1,2,4-trichlorobenzene	13.845	180	19705068m	3343.856	ug/L	
72) 1,2,3-Trichlorobenzene	14.336	180	11150320	1887.478	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048149.D
 Acq On : 20 Apr 2022 17:41
 Operator : SY/MD
 Sample : N2485-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
ClientSampleId :
 C0J21

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022

Quant Time: Apr 21 02:43:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 21 02:37:57 2022
 Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
Data File : VU048149.D
Acq On : 20 Apr 2022 17:41
Operator : SY/MD
Sample : N2485-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 3

Instrument :
MSVOA_U
ClientSampleId :
C0J21

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 04/21/2022
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