

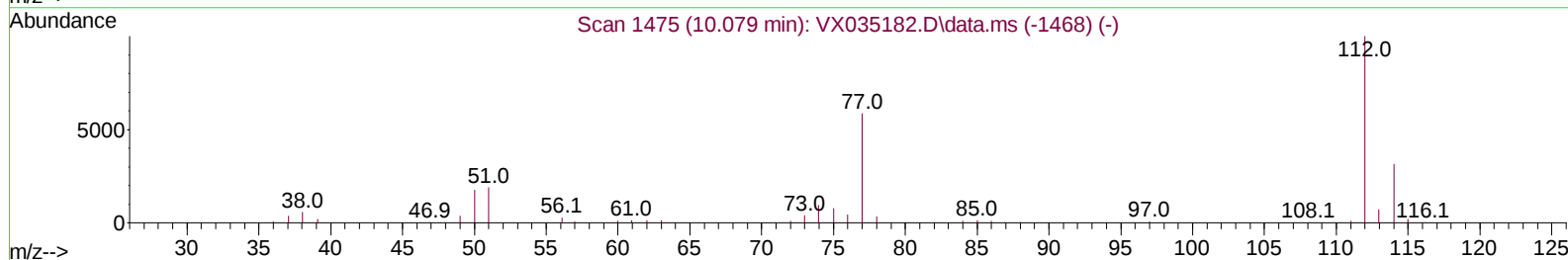
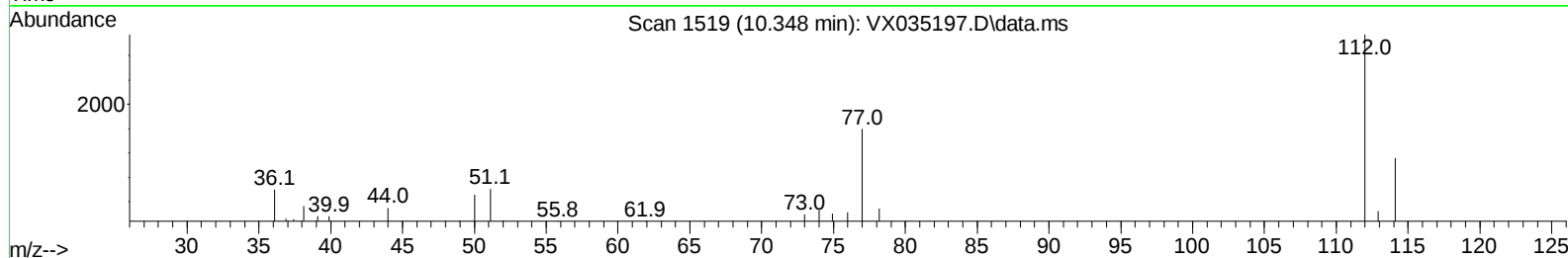
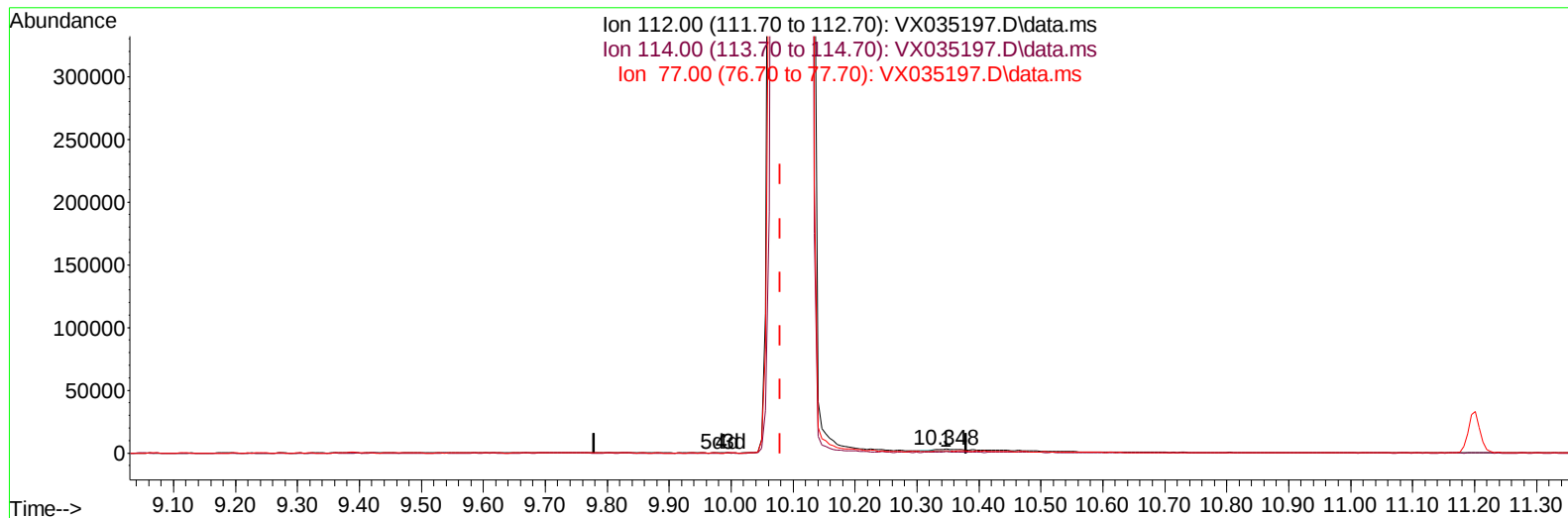
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
Data File : VX035197.D
Acq On : 20 Apr 2023 02:16
Operator : JC/MD
Sample : 02378-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
COMK8

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/21/2023

Quant Time: Apr 20 05:10:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 04:51:49 2023
Response via : Initial Calibration



TIC: VX035197.D\data.ms

(51) Chlorobenzene (T)

10.348min (+ 0.268) 0.37 ug/L

response 2919

Ion	Exp%	Act%
112.00	100.00	100.00
114.00	32.00	35.74
77.00	58.80	50.67
0.00	0.00	0.00

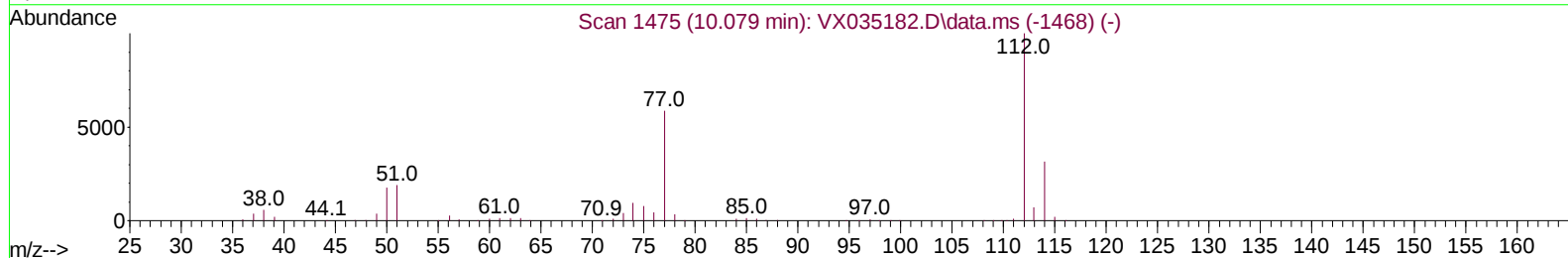
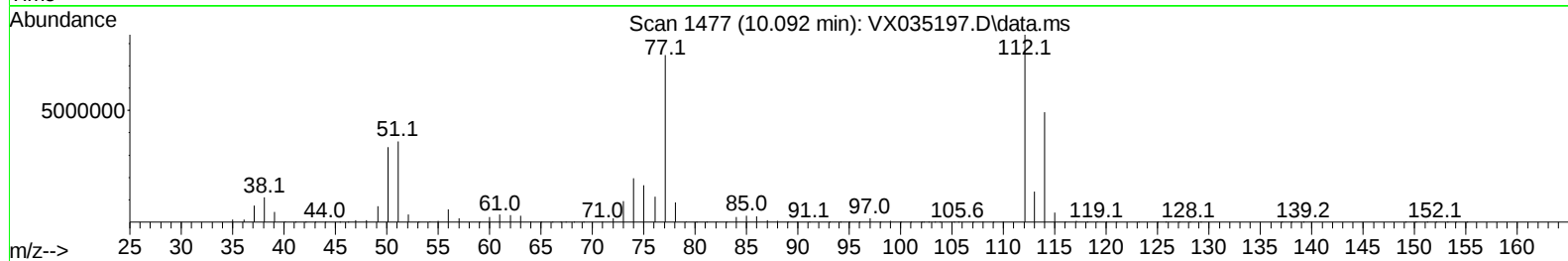
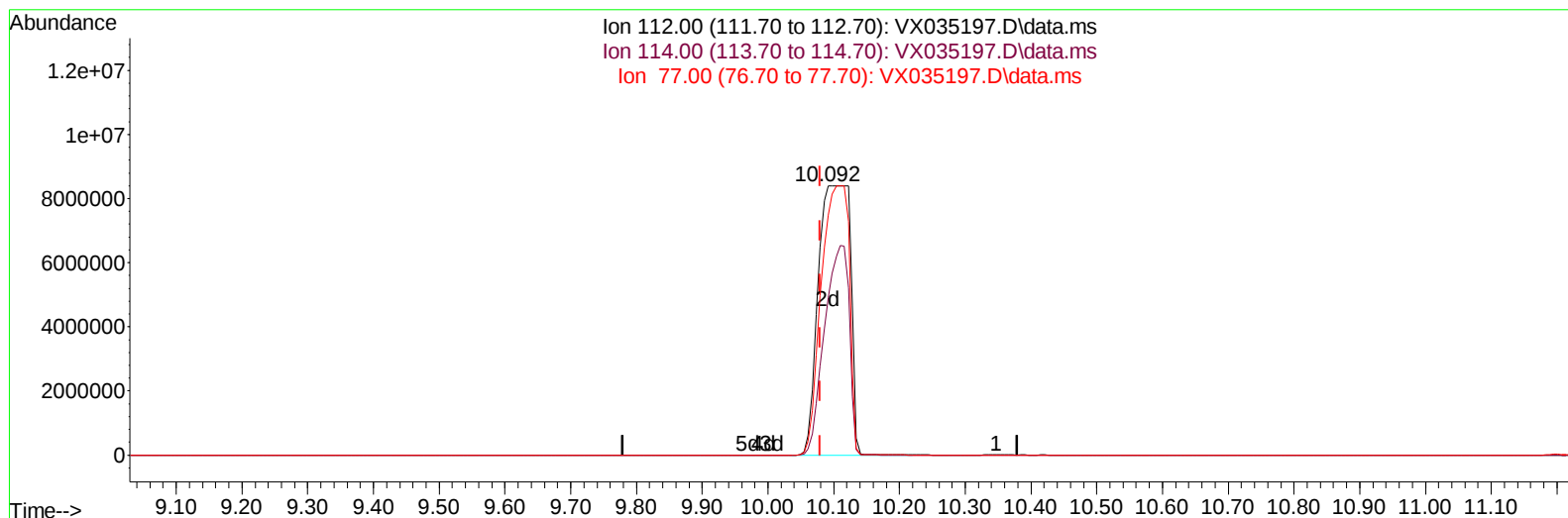
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035197.D
 Acq On : 20 Apr 2023 02:16
 Operator : JC/MD
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 MSVOA_X
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 COMK8

Manual IntegrationsAPPROVED

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 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
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Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/21/2023



TIC: VX035197.D\data.ms

(51) Chlorobenzene (T)

10.092min (+ 0.012) 3571.35 ug/L m

response 28243645

Ion	Exp%	Act%
112.00	100.00	100.00
114.00	32.00	58.57#
77.00	58.80	89.24#
0.00	0.00	0.00

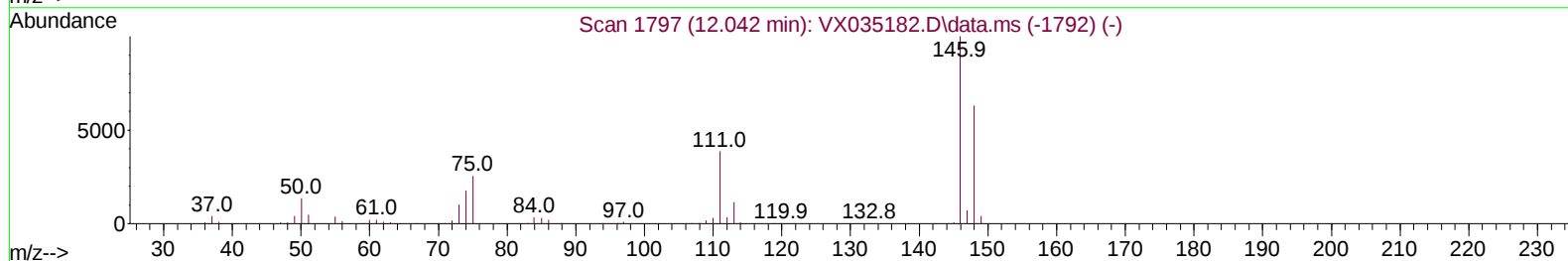
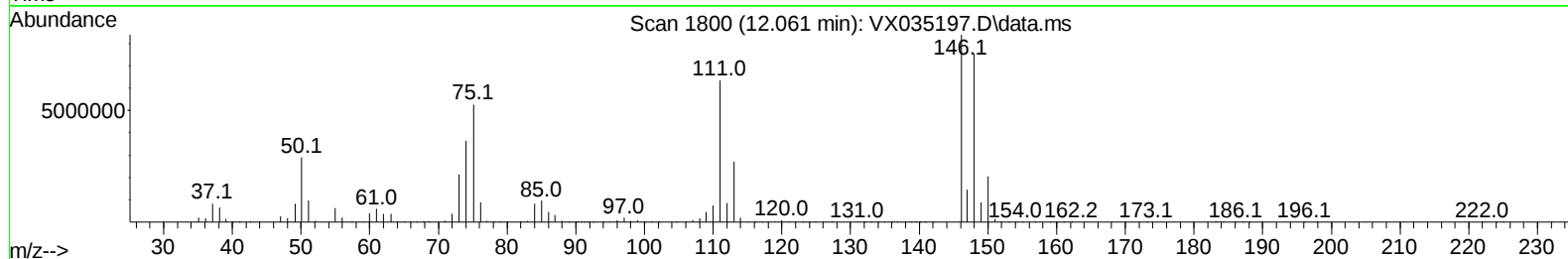
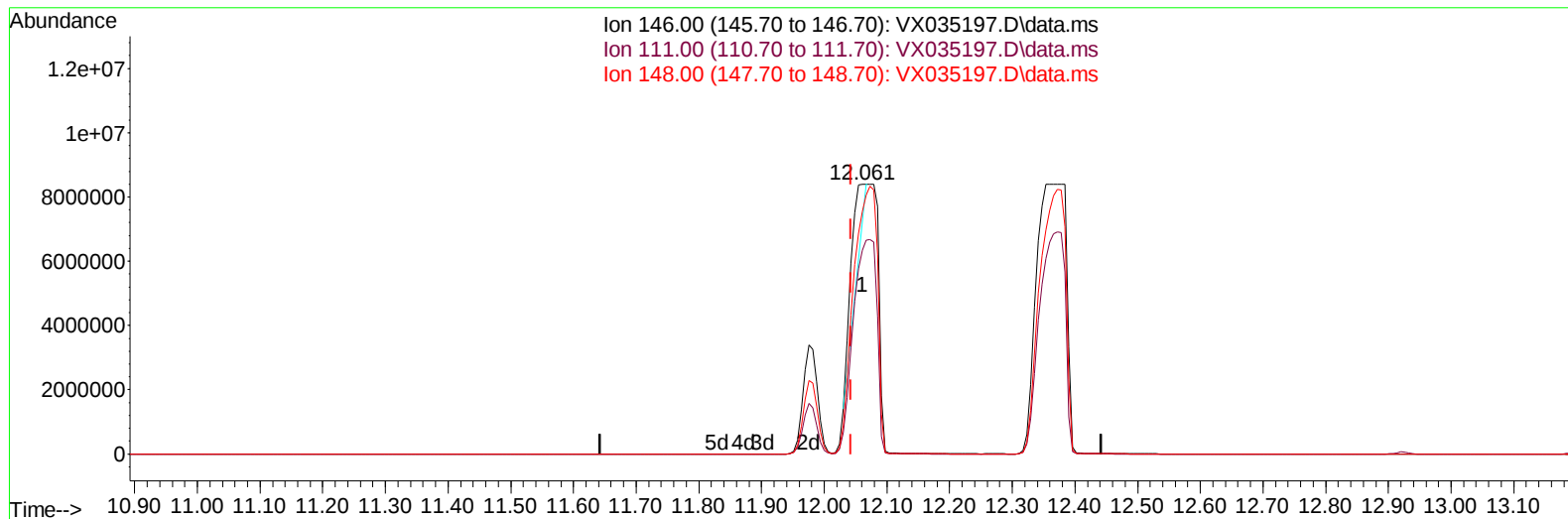
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035197.D
 Acq On : 20 Apr 2023 02:16
 Operator : JC/MD
 Sample : 02378-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK8

Manual IntegrationsAPPROVED

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TIC: VX035197.D\data.ms

(65) 1,4-Dichlorobenzene (T)

12.061min (+ 0.018) 892.53 ug/L

response 5157687

Ion	Exp%	Act%
146.00	100.00	100.00
111.00	39.80	75.60#
148.00	65.60	89.99#
0.00	0.00	0.00

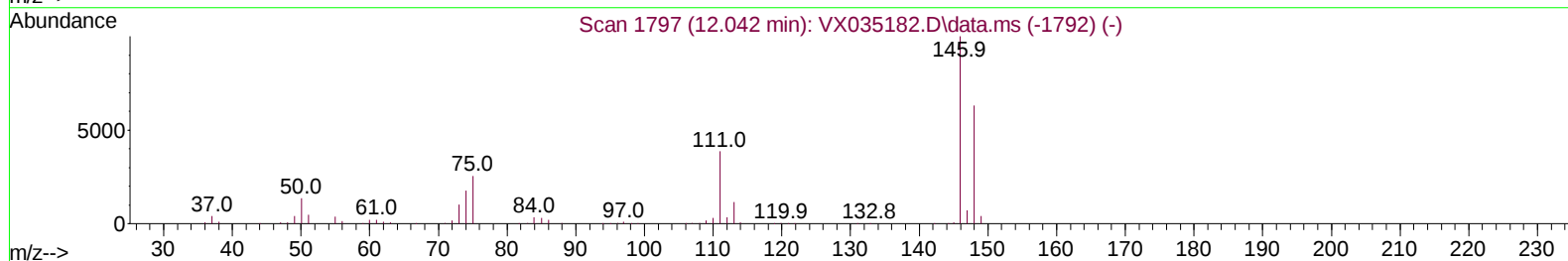
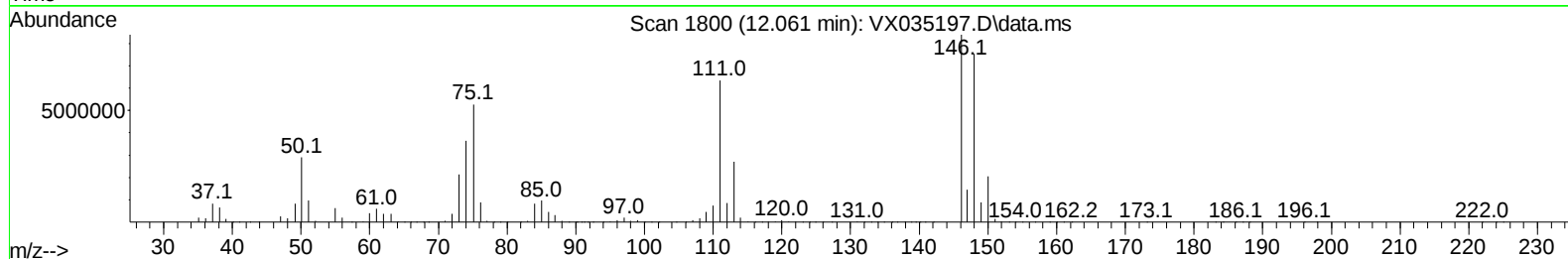
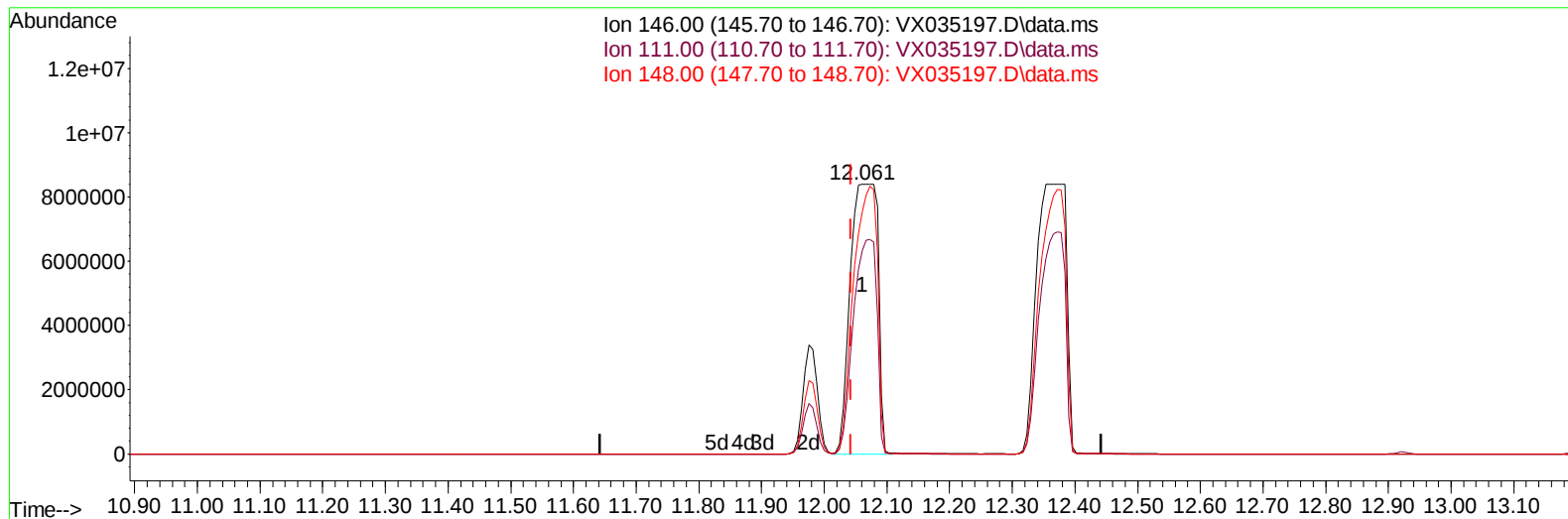
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035197.D
 Acq On : 20 Apr 2023 02:16
 Operator : JC/MD
 Sample : 02378-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK8

Manual IntegrationsAPPROVED

Quant Time: Apr 20 05:10:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/21/2023



TIC: VX035197.D\data.ms

(65) 1,4-Dichlorobenzene (T)

12.061min (+ 0.018) 4453.21 ug/L m

response 25733952

Ion	Exp%	Act%
146.00	100.00	100.00
111.00	39.80	75.60#
148.00	65.60	89.99#
0.00	0.00	0.00

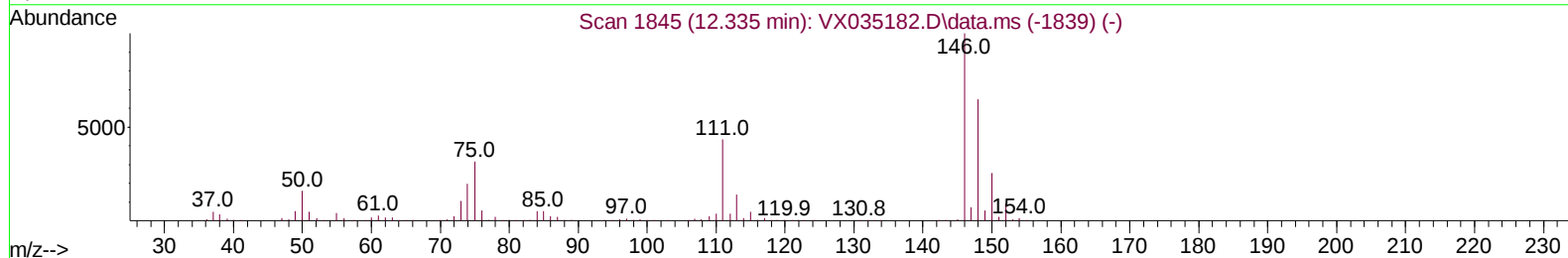
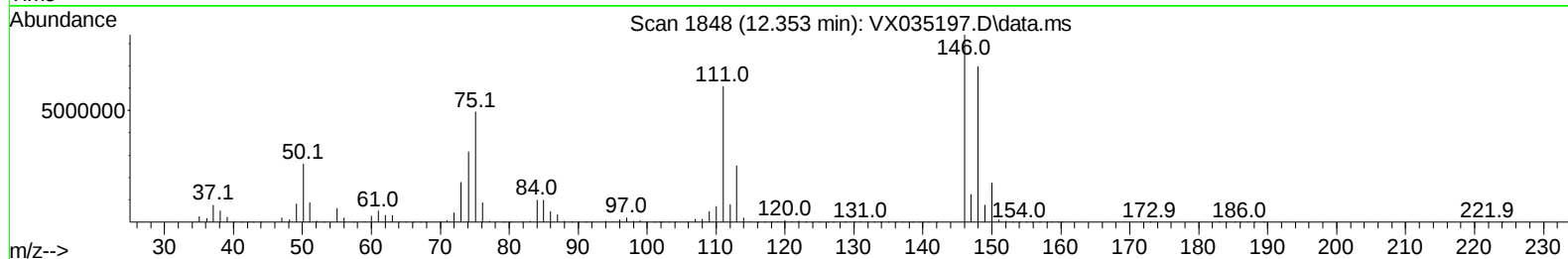
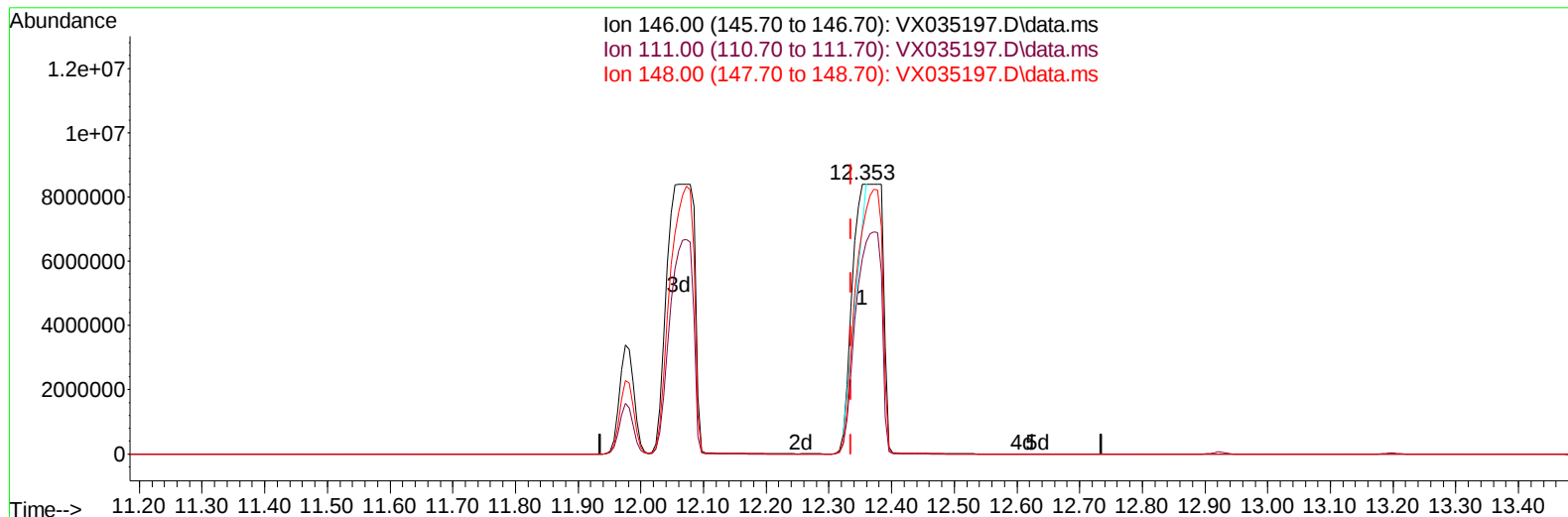
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035197.D
 Acq On : 20 Apr 2023 02:16
 Operator : JC/MD
 Sample : 02378-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK8

Manual IntegrationsAPPROVED

Quant Time: Apr 20 05:10:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
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 QLast Update : Thu Apr 20 04:51:49 2023
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Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/21/2023



TIC: VX035197.D\data.ms

(67) 1,2-Dichlorobenzene (T)

12.353min (+ 0.018) 734.53 ug/L

response 4206056

Ion	Exp%	Act%
146.00	100.00	100.00
111.00	43.40	72.45#
148.00	65.10	83.19#
0.00	0.00	0.00

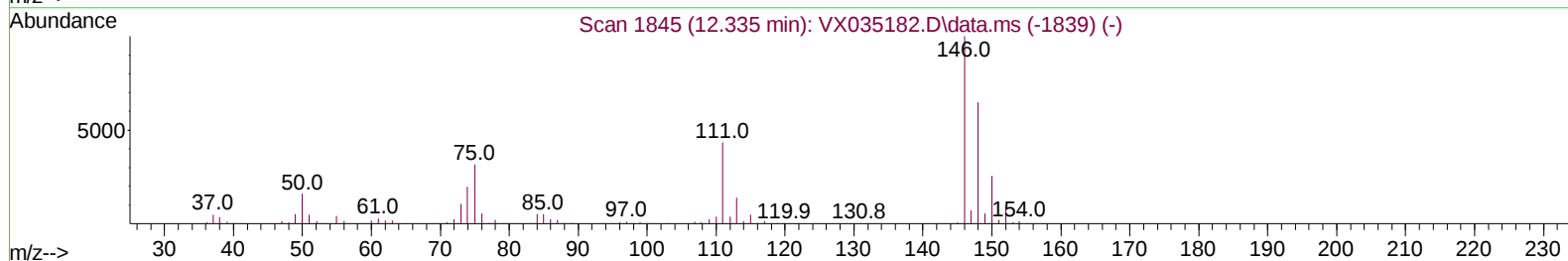
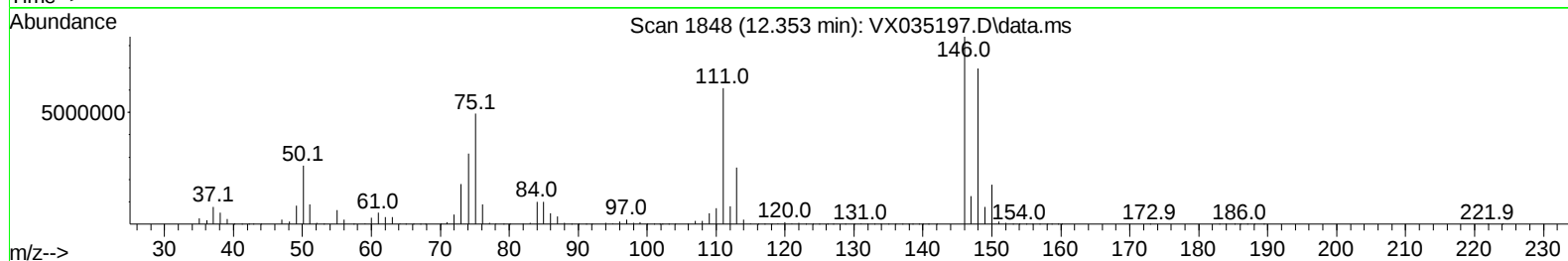
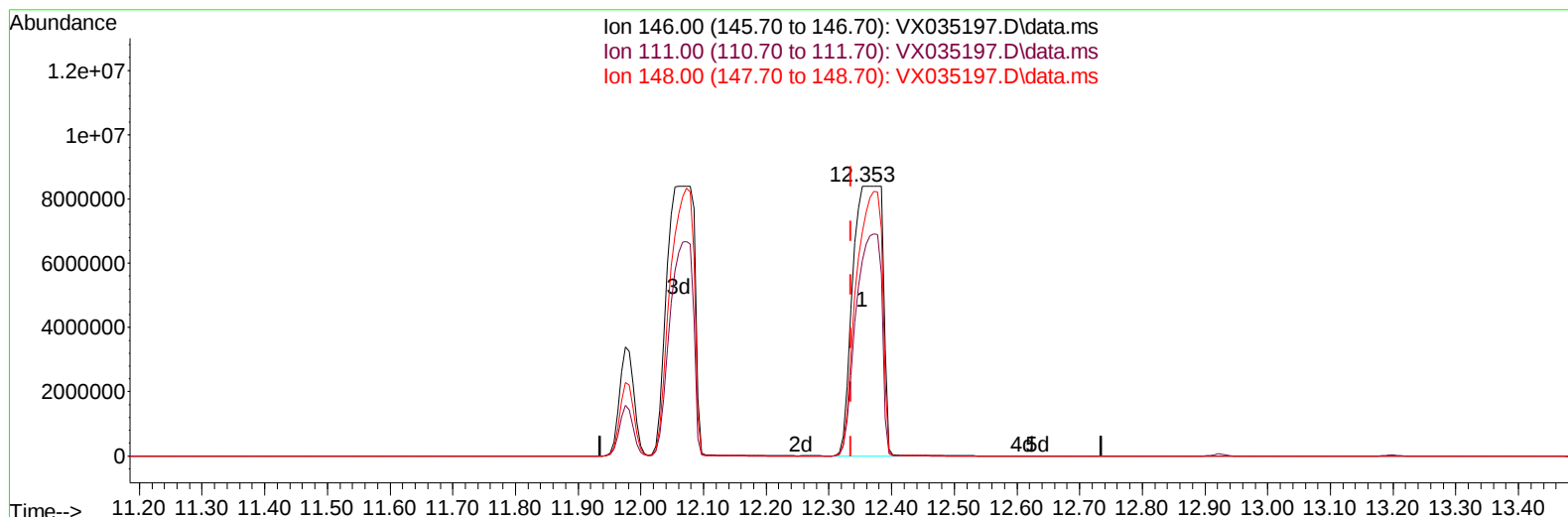
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035197.D
 Acq On : 20 Apr 2023 02:16
 Operator : JC/MD
 Sample : 02378-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK8

Manual IntegrationsAPPROVED

Quant Time: Apr 20 05:10:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/21/2023



TIC: VX035197.D\data.ms

(67) 1,2-Dichlorobenzene (T)

12.353min (+ 0.018) 4839.87 ug/L m

response 27713834

Ion	Exp%	Act%
146.00	100.00	100.00
111.00	43.40	72.45#
148.00	65.10	83.19#
0.00	0.00	0.00

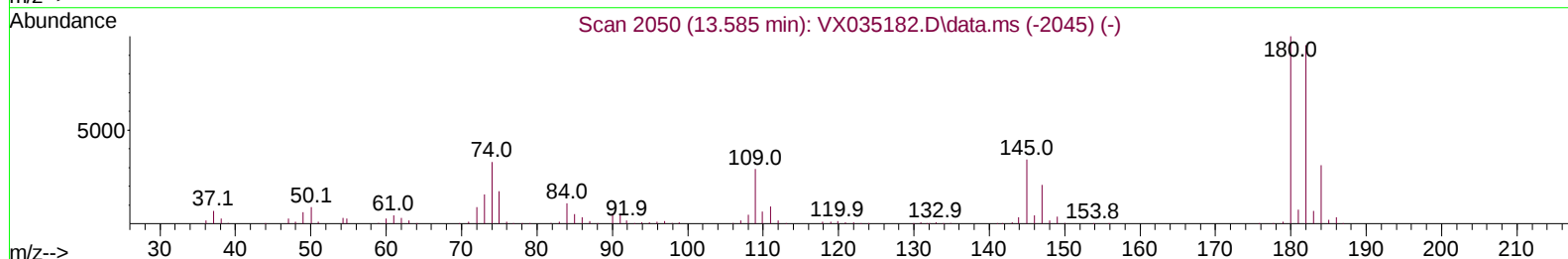
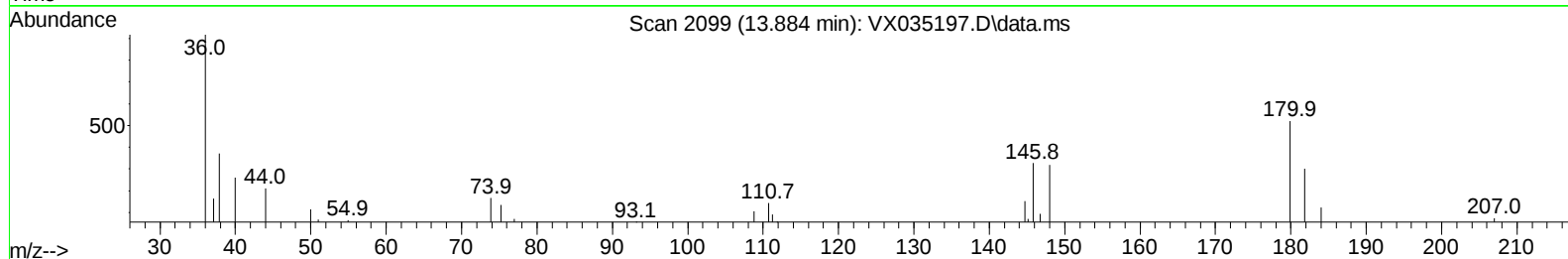
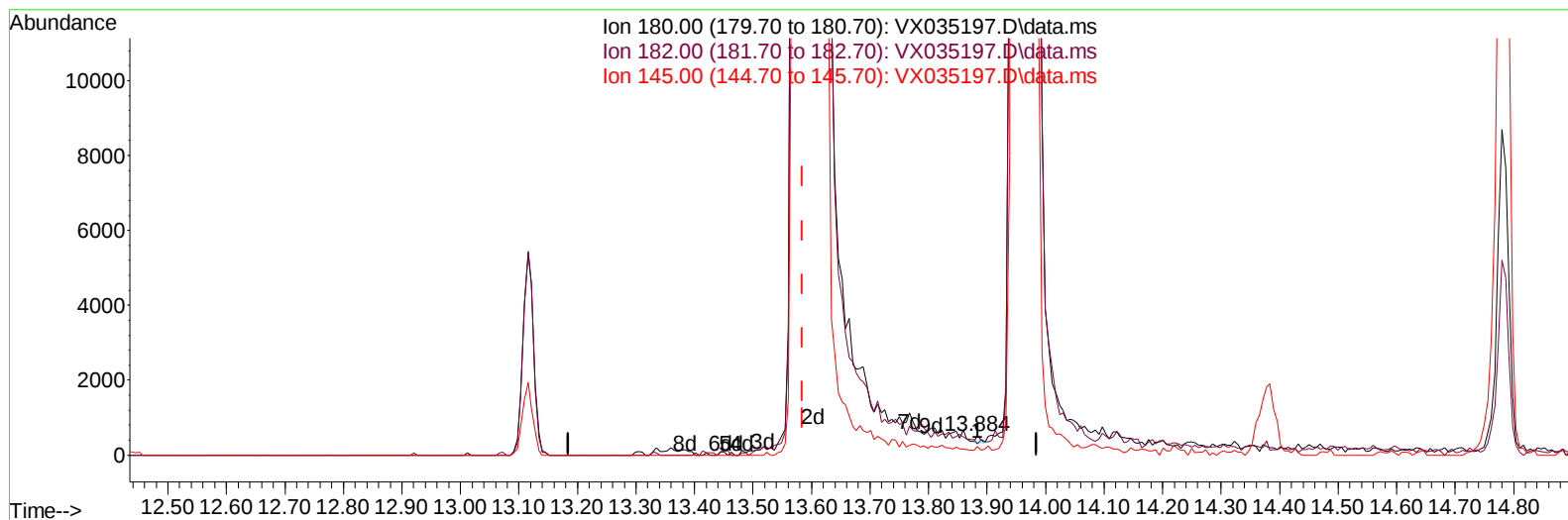
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035197.D
 Acq On : 20 Apr 2023 02:16
 Operator : JC/MD
 Sample : 02378-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK8

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/21/2023

Quant Time: Apr 20 05:10:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration



TIC: VX035197.D\data.ms

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

13.884min (+ 0.299) 0.03 ug/L

response 97

Ion	Exp%	Act%
180.00	100.00	100.00
182.00	95.70	85.57
145.00	32.80	39.18
0.00	0.00	0.00

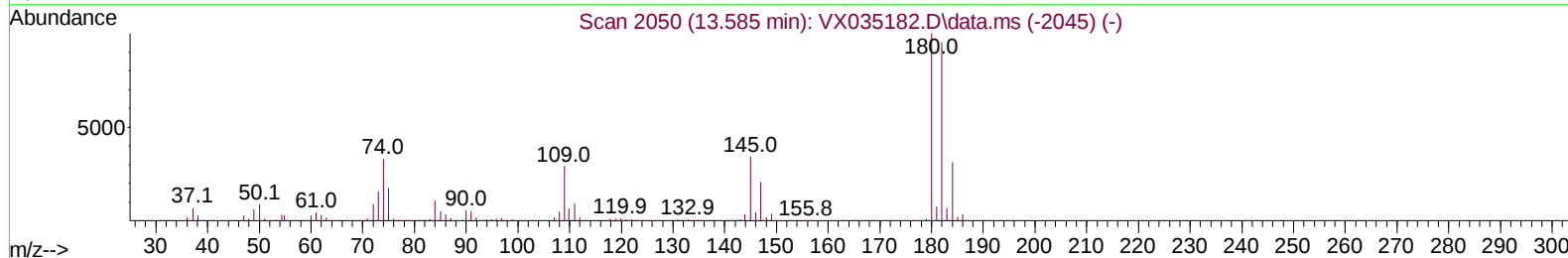
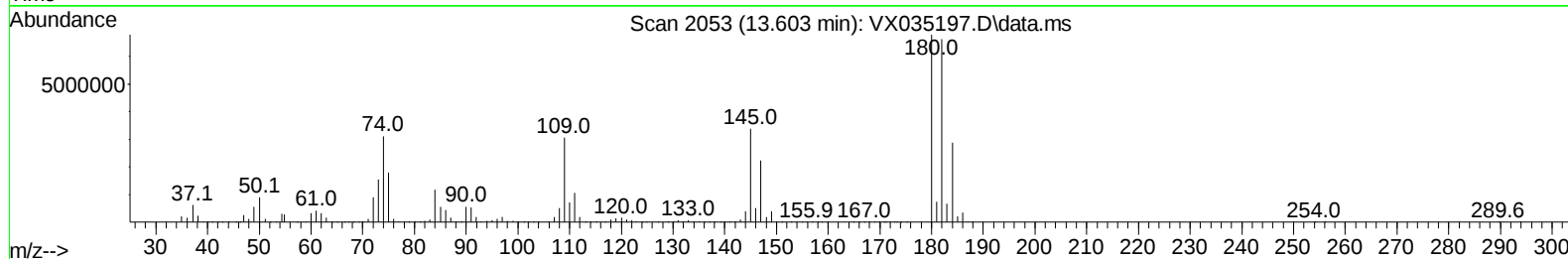
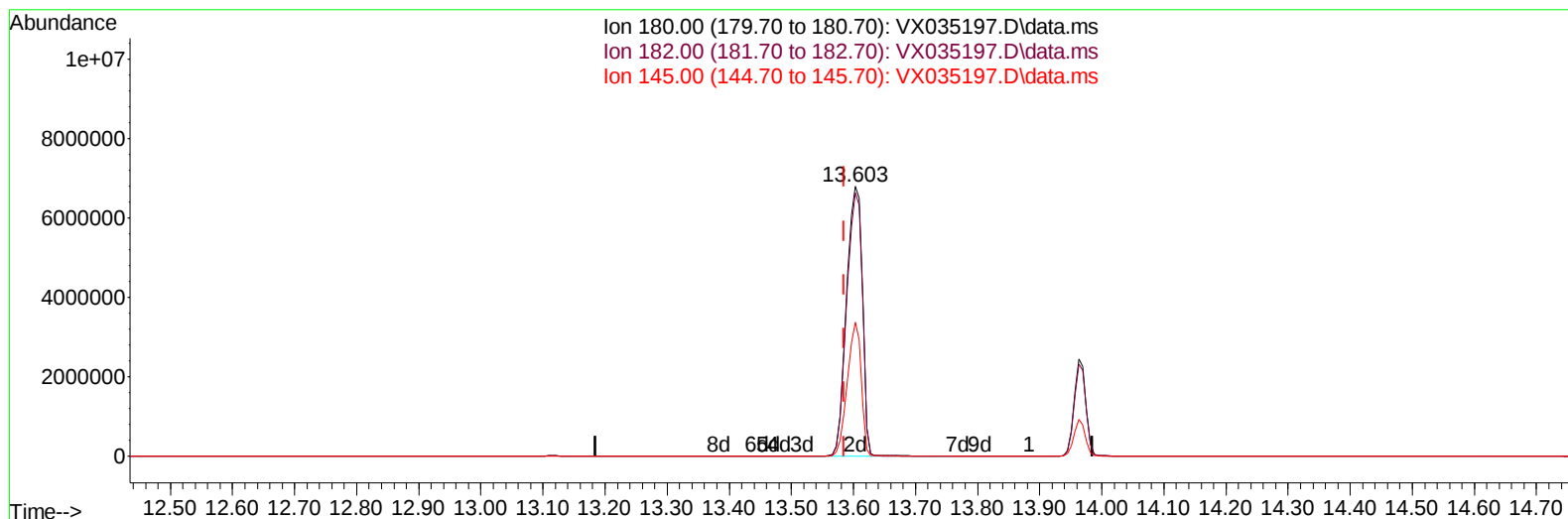
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035197.D
 Acq On : 20 Apr 2023 02:16
 Operator : JC/MD
 Sample : 02378-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK8

Manual IntegrationsAPPROVED

Quant Time: Apr 20 05:10:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/21/2023



TIC: VX035197.D\data.ms

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

13.603min (+ 0.018) 3665.04 ug/L m

response 11981383

Ion	Exp%	Act%
180.00	100.00	100.00
182.00	95.70	0.00#
145.00	32.80	0.00#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035197.D
 Acq On : 20 Apr 2023 02:16
 Operator : JC/MD
 Sample : 02378-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK8

Manual IntegrationsAPPROVED

Quant Time: Apr 20 05:10:43 2023
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Difluorobenzene	6.763	114		455363	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.067	117		382053	50.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	12.042	152		182102	50.000	ug/L	# 0.02
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.368	65		122216	41.624	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135		Recovery	=	83.240%	
7) Chloroethane-d5	1.672	69		102778	48.442	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130		Recovery	=	96.880%	
11) 1,1-Dichloroethene-d2	2.306	65		60625	43.152	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125		Recovery	=	86.300%	
21) 2-Butanone-d5	4.465	46		206994	105.789	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130		Recovery	=	105.790%	
24) Chloroform-d	5.056	84		266977	48.283	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125		Recovery	=	96.560%	
26) 1,2-Dichloroethane-d4	5.958	65		178532	50.279	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125		Recovery	=	100.560%	
32) Benzene-d6	5.976	84		561309	51.145	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125		Recovery	=	102.280%	
36) 1,2-Dichloropropane-d6	7.305	67		174605	52.083	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120		Recovery	=	104.160%	
41) Toluene-d8	8.647	98		490255	48.877	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120		Recovery	=	97.760%	
43) trans-1,3-Dichloroprop...	8.952	79		71501	48.804	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125		Recovery	=	97.600%	
47) 2-Hexanone-d5	9.384	63		154246	114.574	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130		Recovery	=	114.570%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84		223869	54.527	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120		Recovery	=	109.060%	
66) 1,2-Dichlorobenzene-d4	12.341	152		158578	44.937	ug/L	0.02
Spiked Amount 50.000	Range 80	- 120		Recovery	=	89.880%	
Target Compounds							
						Qvalue	
25) Chloroform	5.099	83		43666	7.975	ug/L	99
29) Cyclohexane	5.470	56		18332	3.971	ug/L	98
31) Carbon tetrachloride	5.678	117		82722	21.771	ug/L	99
33) Benzene	6.056	78	22447542	1940.153	ug/L		100
35) Methylcyclohexane	7.385	83	9048	2.183	ug/L	#	81
46) Tetrachloroethene	9.275	164	7327	3.196	ug/L		96
51) Chlorobenzene	10.092	112	28243645m	3571.351	ug/L		
64) 1,3-Dichlorobenzene	11.975	146	5416916	959.197	ug/L		94
65) 1,4-Dichlorobenzene	12.061	146	25733952m	4453.210	ug/L		
67) 1,2-Dichlorobenzene	12.353	146	27713834m	4839.867	ug/L		
70) 1,2,4-trichlorobenzene	13.603	180	11981383m	3665.044	ug/L		
72) 1,2,3-Trichlorobenzene	13.963	180	3160777	979.393	ug/L		98

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

