

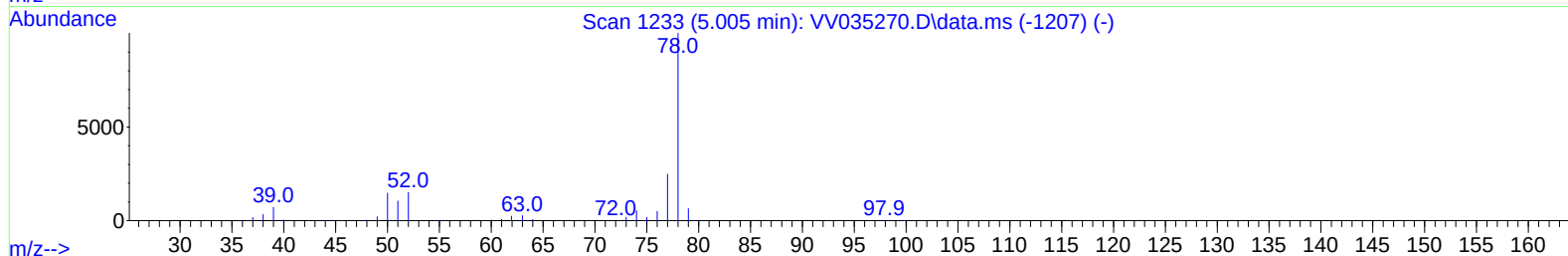
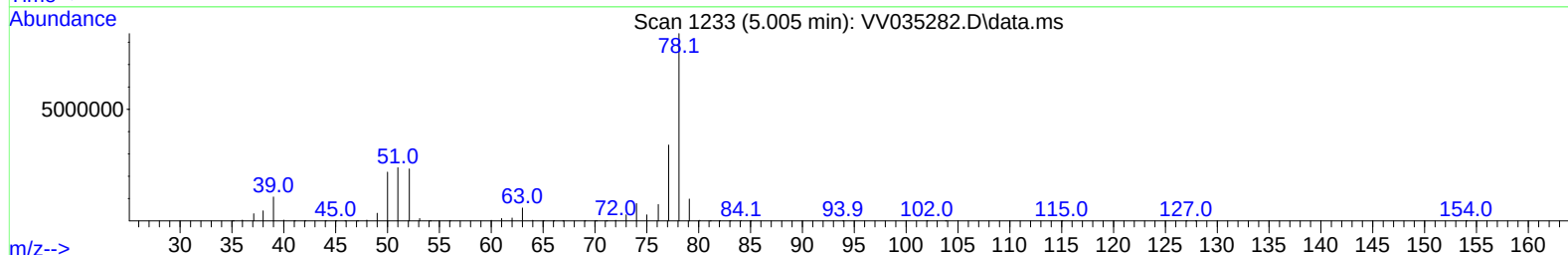
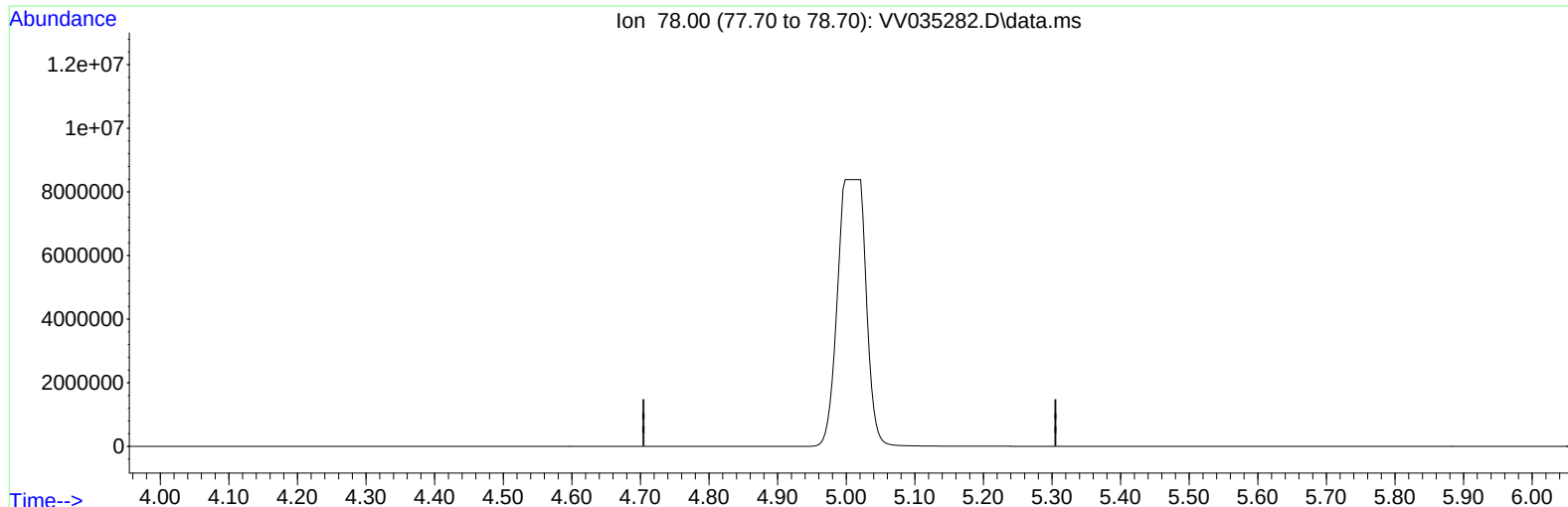
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
Data File : VV035282.D
Acq On : 18 Apr 2024 14:50
Operator : SY/MD
Sample : P2158-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MC0RD3

Manual IntegrationsAPPROVED

Quant Time: Apr 19 01:43:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:53:36 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 04/23/2024
Supervised By :Semsettin Yesilyurt 04/23/2024



TIC: VV035282.D\data.ms

(33) Benzene (T)

5.005min (-5.005) 0.00 ug/L

response	0	
Ion	Exp%	Act%
78.00	100.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

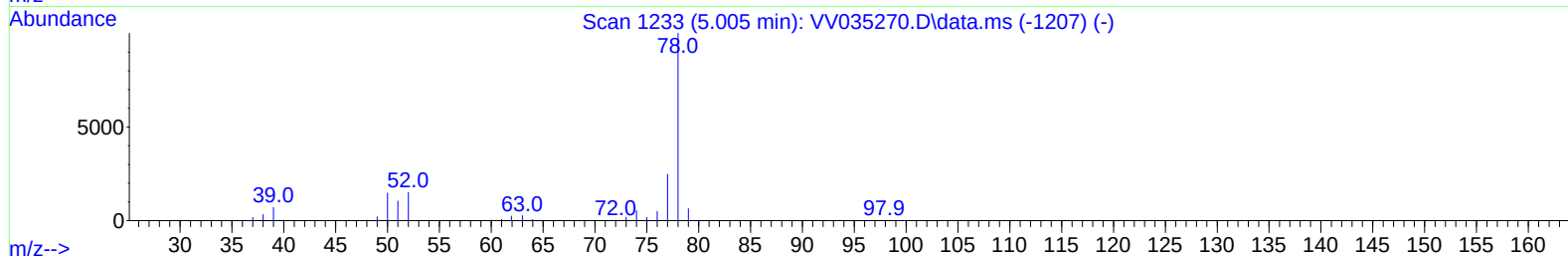
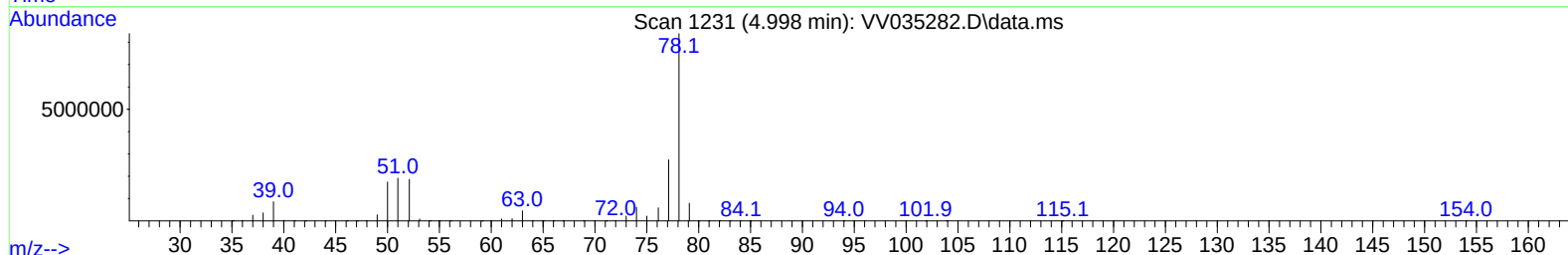
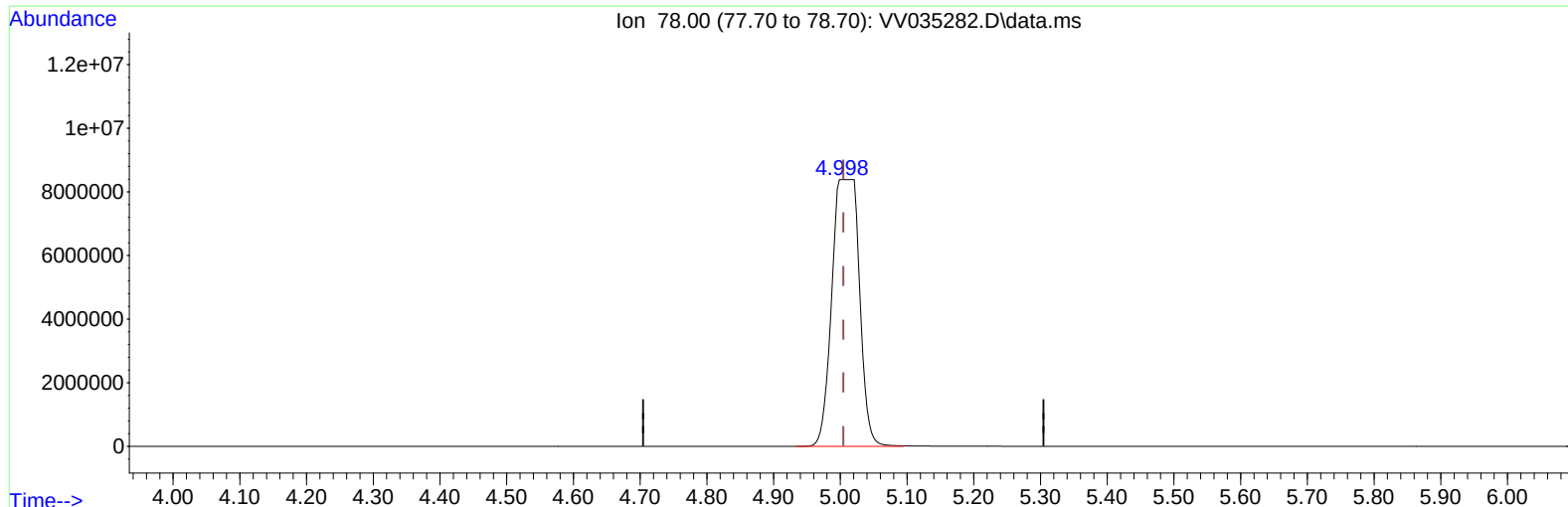
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
Data File : VV035282.D
Acq On : 18 Apr 2024 14:50
Operator : SY/MD
Sample : P2158-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MC0RD3

Manual IntegrationsAPPROVED

Quant Time: Apr 19 01:43:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:53:36 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 04/23/2024
Supervised By :Semsettin Yesilyurt 04/23/2024



TIC: VV035282.D\data.ms

(33) Benzene (T)

4.998min (-0.006) 1944.72 ug/L m

response 24053269

Ion	Exp%	Act%
78.00	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

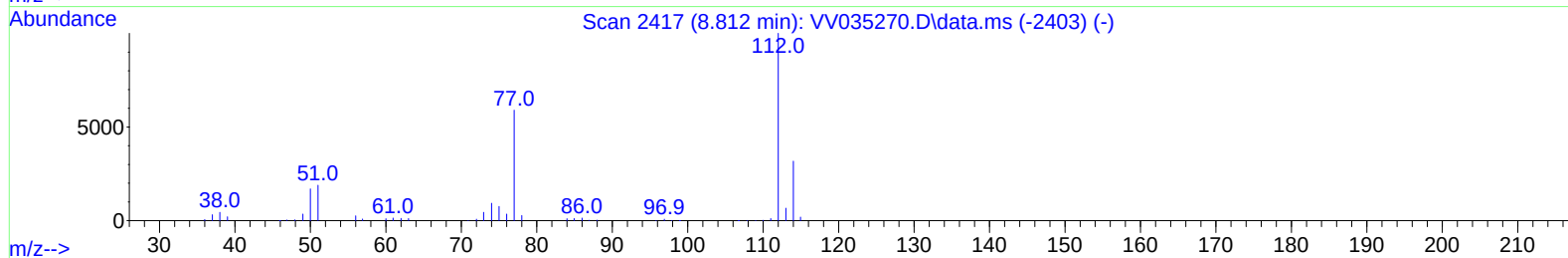
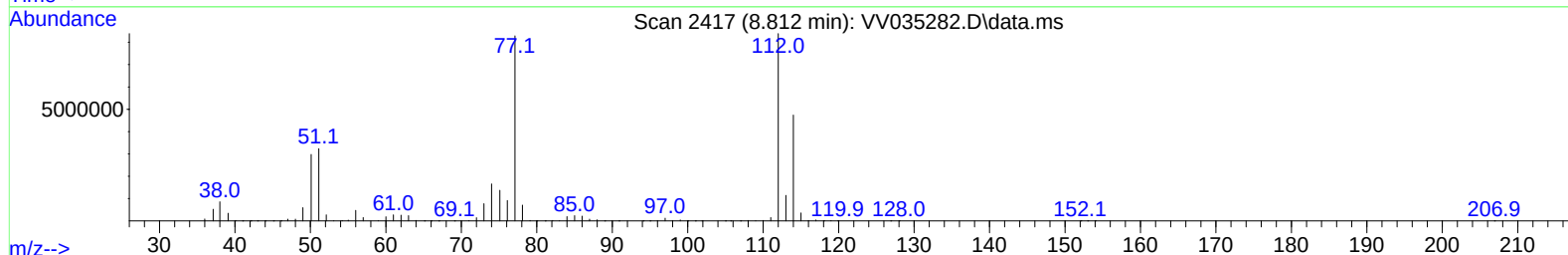
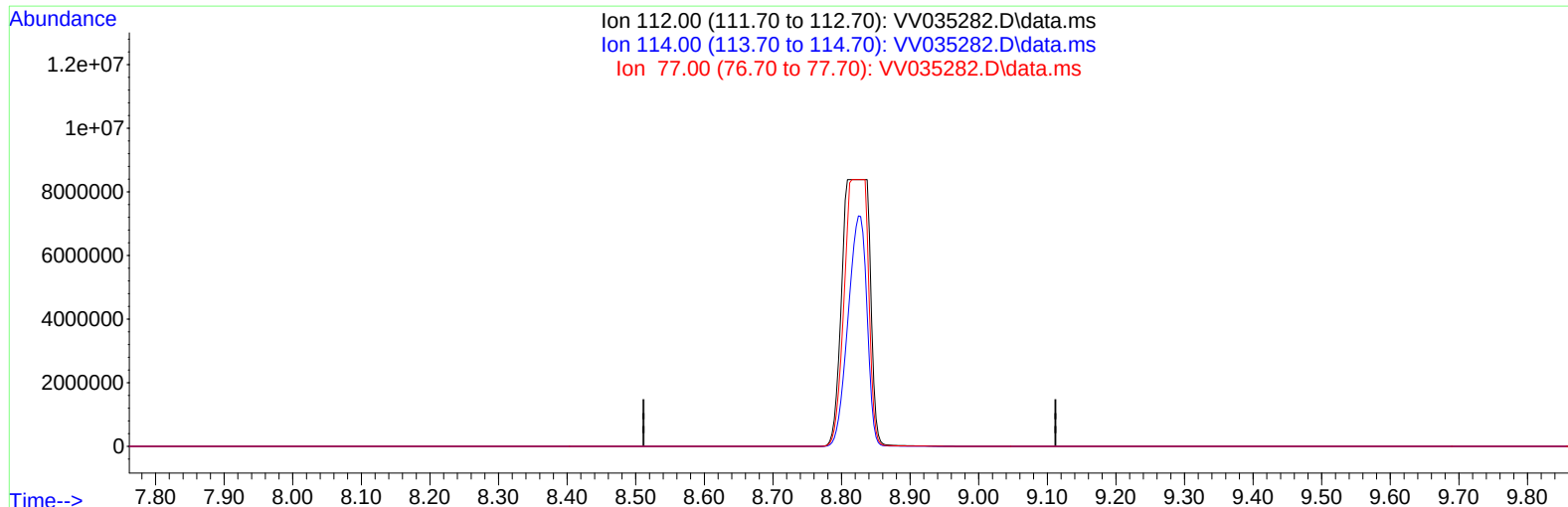
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
Data File : VV035282.D
Acq On : 18 Apr 2024 14:50
Operator : SY/MD
Sample : P2158-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MC0RD3

Manual IntegrationsAPPROVED

Quant Time: Apr 19 01:43:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:53:36 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 04/23/2024
Supervised By :Semsettin Yesilyurt 04/23/2024



TIC: VV035282.D\data.ms

(51) Chlorobenzene (T)

8.812min (-8.812) 0.00 ug/L

response 0

Ion	Exp%	Act%
112.00	100.00	0.00
114.00	31.50	0.00#
77.00	59.30	0.00#
0.00	0.00	0.00

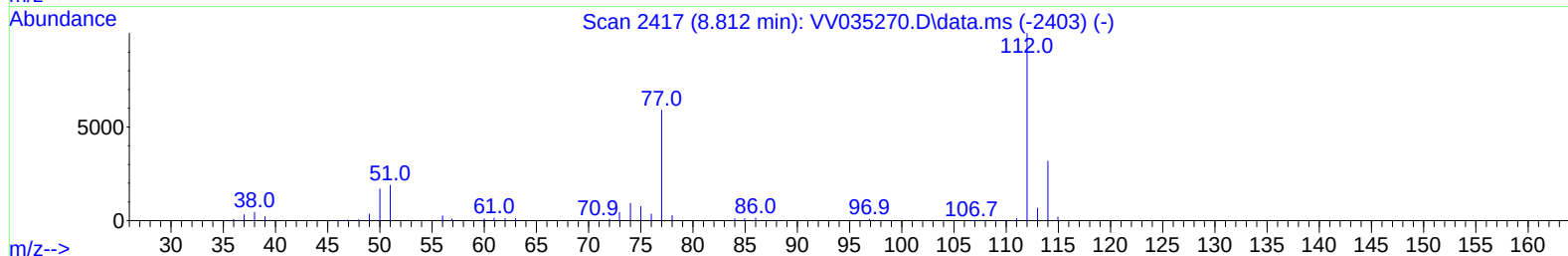
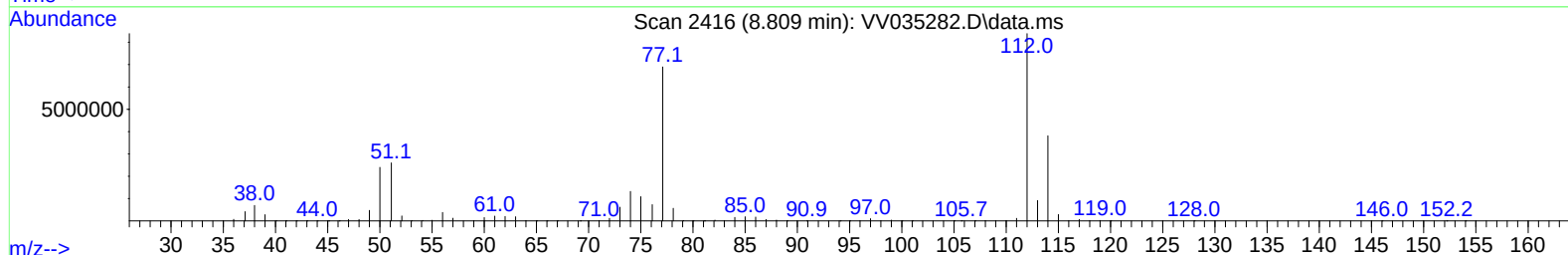
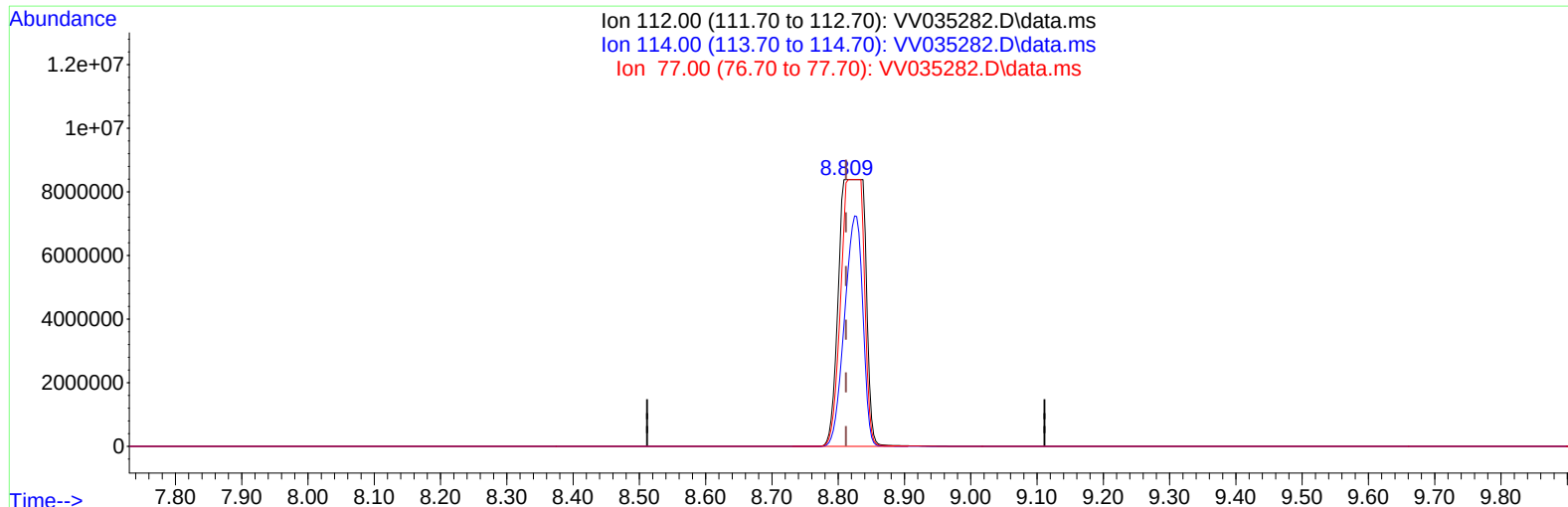
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
Data File : VV035282.D
Acq On : 18 Apr 2024 14:50
Operator : SY/MD
Sample : P2158-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MCCORD3

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/23/2024
Supervised By :Semsettin Yesilyurt 04/23/2024

Quant Time: Apr 19 01:43:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:53:36 2024
Response via : Initial Calibration



TIC: VV035282.D\data.ms

(51) Chlorobenzene (T)

8.809min (-0.003) 2804.69 ug/L m

response 23538359

Ion	Exp%	Act%
112.00	100.00	100.00
114.00	31.50	45.46#
77.00	59.30	82.21#
0.00	0.00	0.00

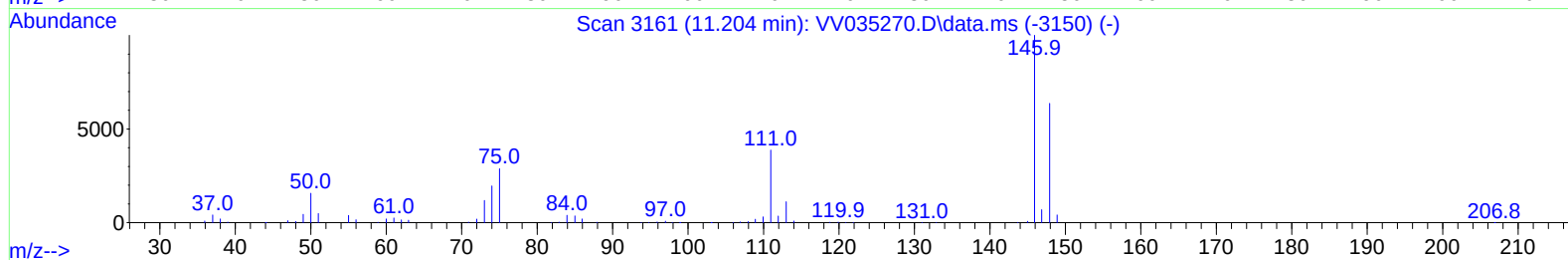
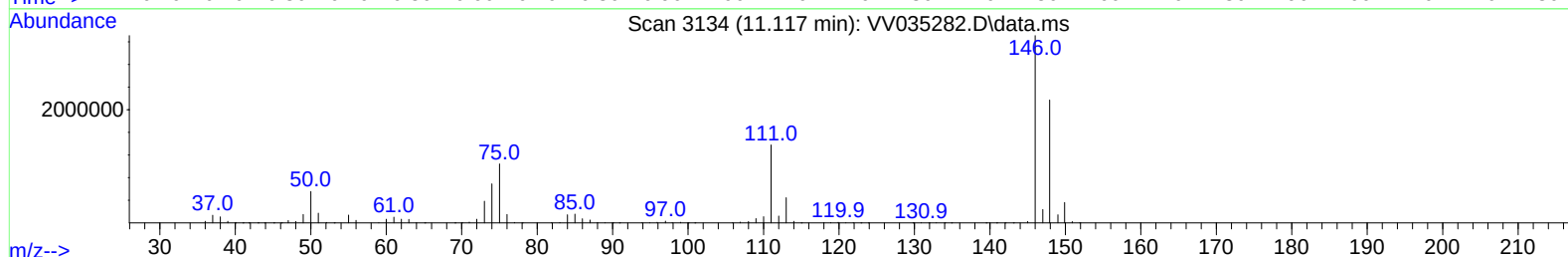
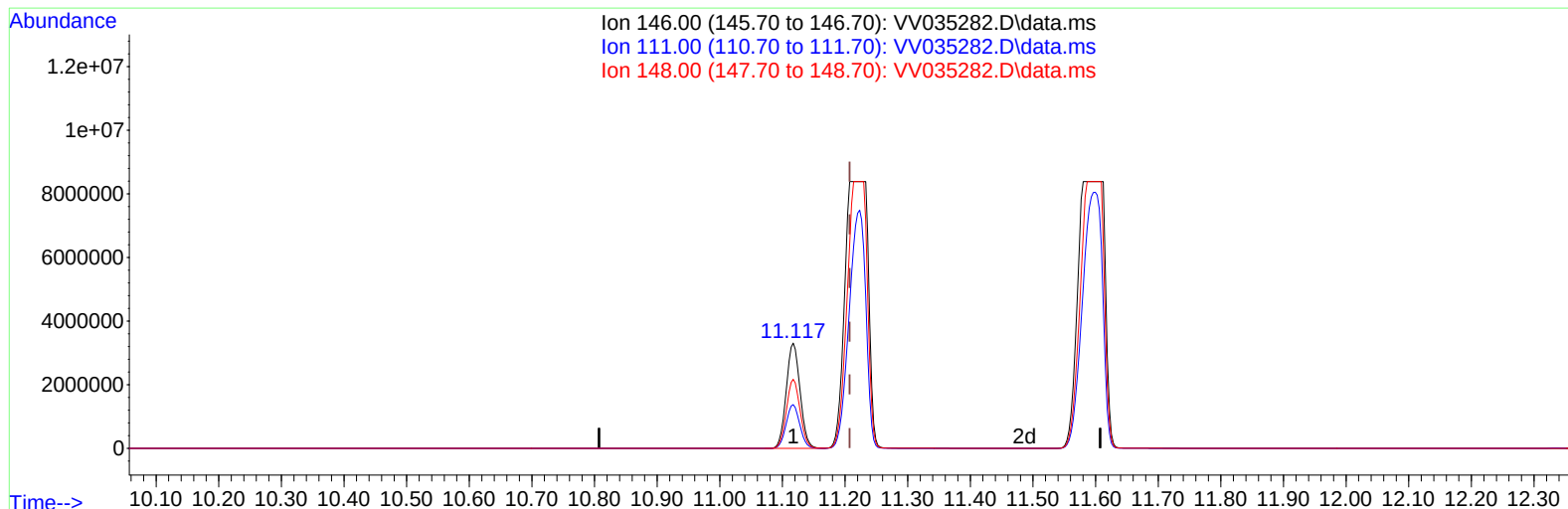
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
 Data File : VV035282.D
 Acq On : 18 Apr 2024 14:50
 Operator : SY/MD
 Sample : P2158-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RD3

Manual IntegrationsAPPROVED

Quant Time: Apr 19 01:43:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 04/23/2024
 Supervised By :Semsettin Yesilyurt 04/23/2024



TIC: VV035282.D\data.ms

(65) 1,4-Dichlorobenzene (T)

11.117min (-0.090) 624.78 ug/L

response 5053852

Ion	Exp%	Act%
146.00	100.00	100.00
111.00	39.10	41.64
148.00	63.20	65.64
0.00	0.00	0.00

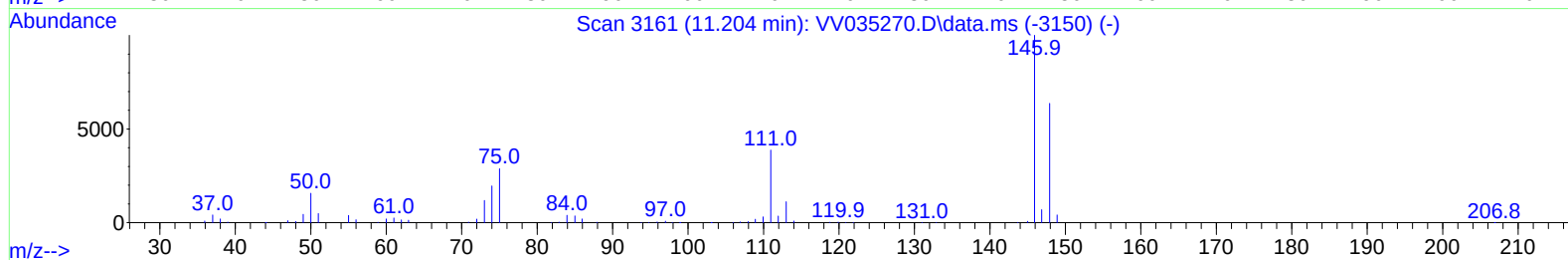
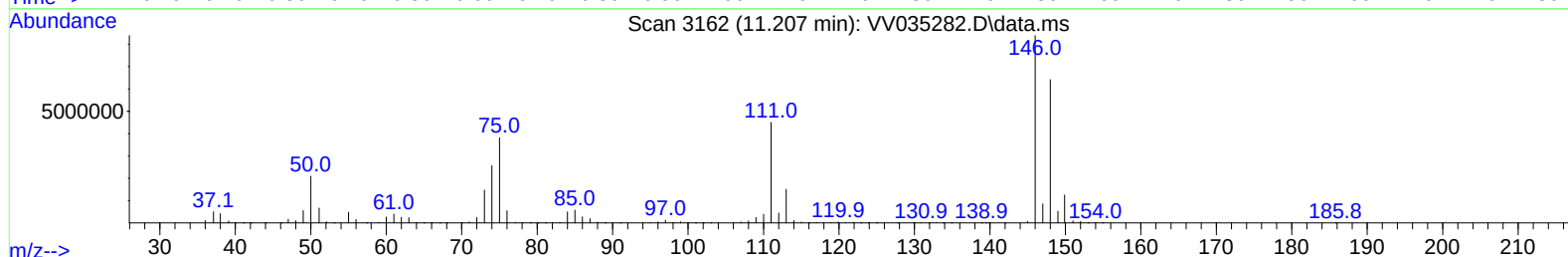
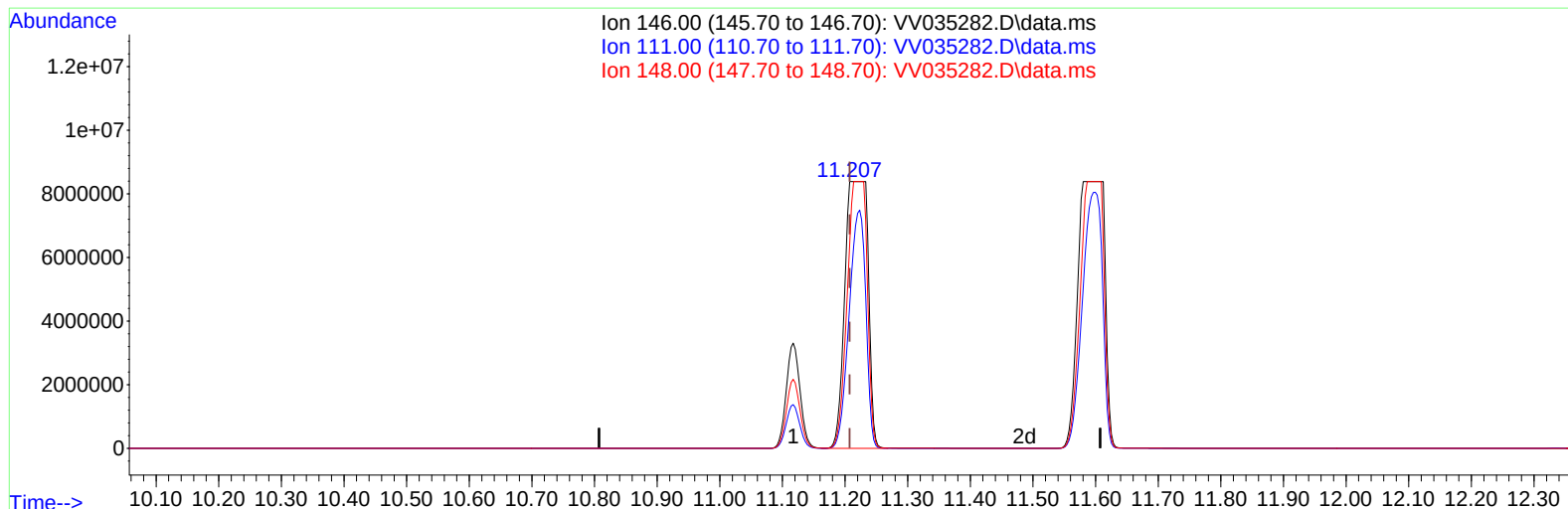
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
Data File : VV035282.D
Acq On : 18 Apr 2024 14:50
Operator : SY/MD
Sample : P2158-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MC0RD3

Manual IntegrationsAPPROVED

Quant Time: Apr 19 01:43:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:53:36 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 04/23/2024
Supervised By :Semsettin Yesilyurt 04/23/2024



TIC: VV035282.D\data.ms

(65) 1,4-Dichlorobenzene (T)

11.207min (+ 0.000) 2665.72 ug/L m

response 21563005

Ion	Exp%	Act%
146.00	100.00	100.00
111.00	39.10	53.58#
148.00	63.20	76.49
0.00	0.00	0.00

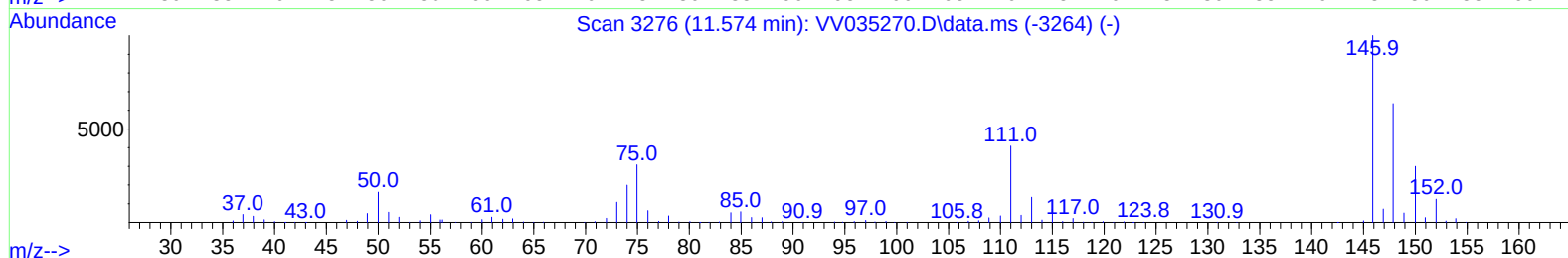
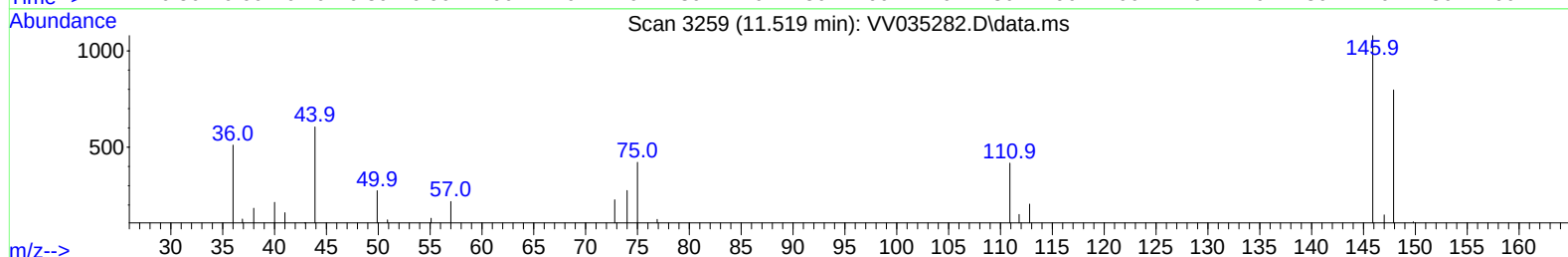
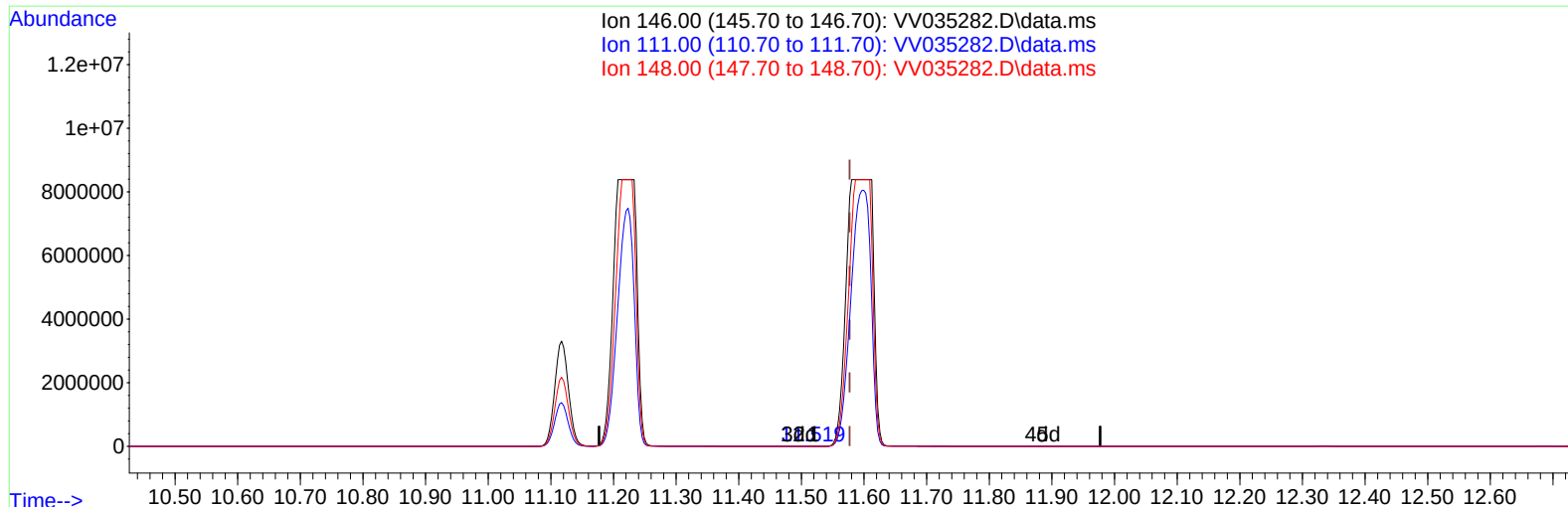
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
Data File : VV035282.D
Acq On : 18 Apr 2024 14:50
Operator : SY/MD
Sample : P2158-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MC0RD3

Manual IntegrationsAPPROVED

Quant Time: Apr 19 01:43:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:53:36 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 04/23/2024
Supervised By :Semsettin Yesilyurt 04/23/2024



TIC: VV035282.D\data.ms

(67) 1,2-Dichlorobenzene (T)

11.519min (-0.058) 0.00 ug/L

response 38

Ion	Exp%	Act%
146.00	100.00	100.00
111.00	43.30	38.65
148.00	64.40	73.86
0.00	0.00	0.00

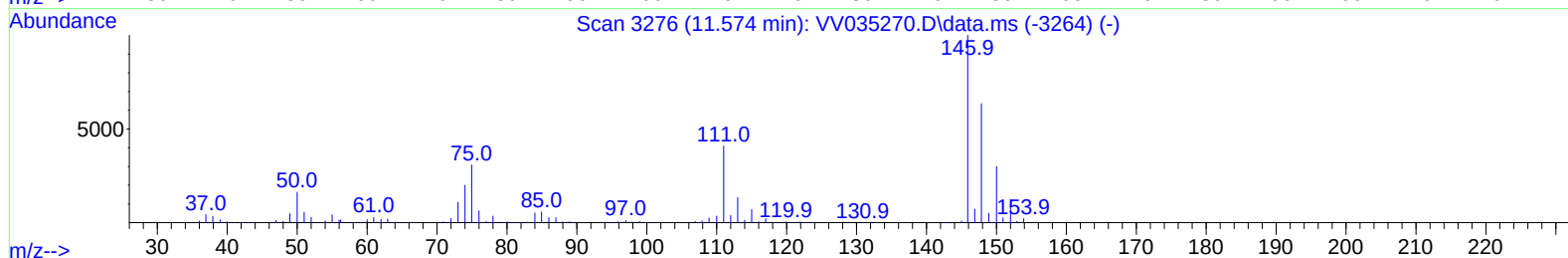
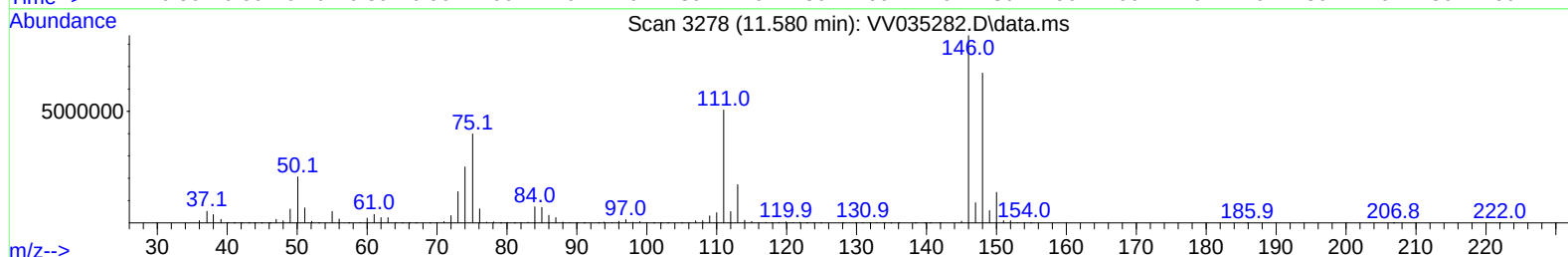
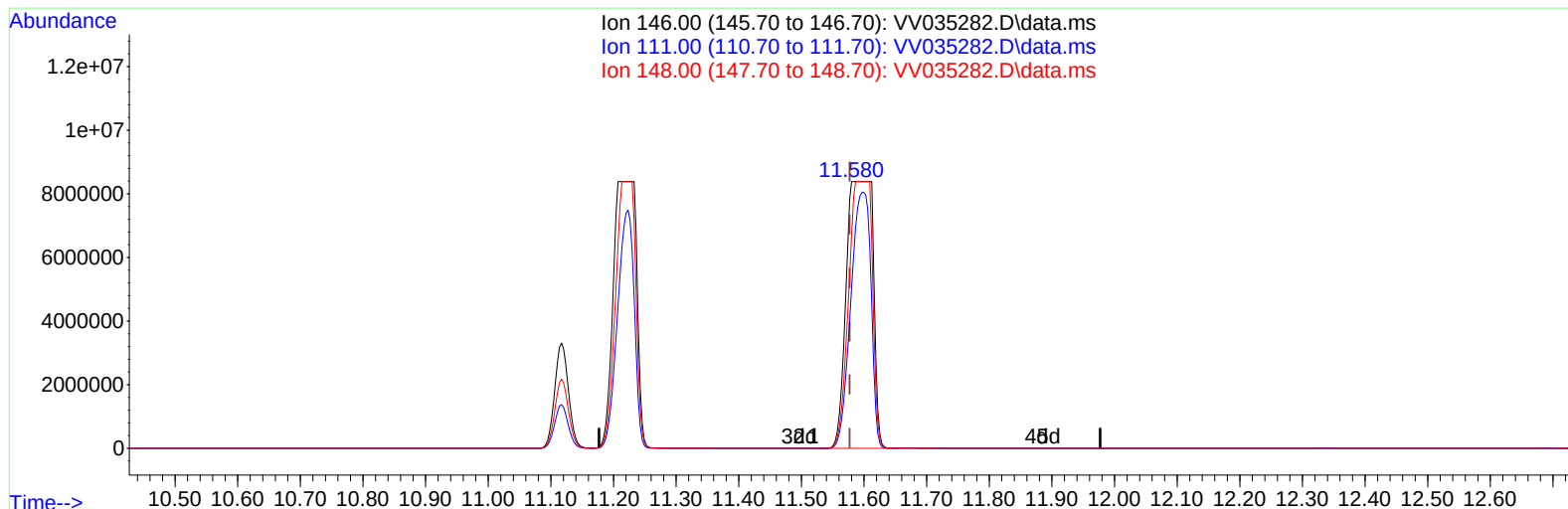
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
 Data File : VV035282.D
 Acq On : 18 Apr 2024 14:50
 Operator : SY/MD
 Sample : P2158-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RD3

Manual IntegrationsAPPROVED

Quant Time: Apr 19 01:43:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 04/23/2024
 Supervised By :Semsettin Yesilyurt 04/23/2024



TIC: VV035282.D\data.ms

(67) 1,2-Dichlorobenzene (T)

11.580min (+ 0.003) 3135.07 ug/L m

response 24842082

Ion	Exp%	Act%
146.00	100.00	100.00
111.00	43.30	60.23#
148.00	64.40	80.01#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
 Data File : VV035282.D
 Acq On : 18 Apr 2024 14:50
 Operator : SY/MD
 Sample : P2158-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RD3

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/23/2024
 Supervised By :Semsettin Yesilyurt 04/23/2024

Quant Time: Apr 19 01:43:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	362188	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	379302	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	236105	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	149946	42.868	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.740%		
7) Chloroethane-d5	1.526	69	127024	41.810	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.620%		
11) 1,1-Dichloroethene-d2	2.056	65	64219	41.883	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.760%		
21) 2-Butanone-d5	3.789	46	201913	97.331	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.330%		
24) Chloroform-d	4.246	84	291395	49.549	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.100%		
26) 1,2-Dichloroethane-d4	4.941	65	186758	50.018	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.040%		
32) Benzene-d6	4.960	84	587230	46.090	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.180%		
36) 1,2-Dichloropropane-d6	5.986	67	185948	45.960	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.920%		
41) Toluene-d8	7.239	98	490792	42.773	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.540%		
43) trans-1,3-Dichloroprop...	7.551	79	78775	40.051	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.100%		
47) 2-Hexanone-d5	8.027	63	140360	91.758	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.760%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	265445	47.644	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.280%		
66) 1,2-Dichlorobenzene-d4	11.571	152	239620	45.202	ug/L	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.400%		
Target Compounds						
25) Chloroform	4.275	83	59329	11.135	ug/L	100
29) Cyclohexane	4.580	56	7355	1.548	ug/L	# 63
31) Carbon tetrachloride	4.735	117	48096	11.477	ug/L	99
33) Benzene	4.998	78	24053269m	1944.720	ug/L	
46) Tetrachloroethene	7.912	164	3422	1.467	ug/L	96
51) Chlorobenzene	8.809	112	23538359m	2804.688	ug/L	
64) 1,3-Dichlorobenzene	11.117	146	5053852	635.358	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	21563005m	2665.723	ug/L	
67) 1,2-Dichlorobenzene	11.580	146	24842082m	3135.066	ug/L	
70) 1,2,4-trichlorobenzene	13.197	180	5938817	1127.784	ug/L	98
72) 1,2,3-Trichlorobenzene	13.677	180	1972603	380.025	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
Data File : VV035282.D
Acq On : 18 Apr 2024 14:50
Operator : SY/MD
Sample : P2158-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MCORD3

Manual IntegrationsAPPROVED

Quant Time: Apr 19 01:43:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:53:36 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 04/23/2024
Supervised By :Semsettin Yesilyurt 04/23/2024

