

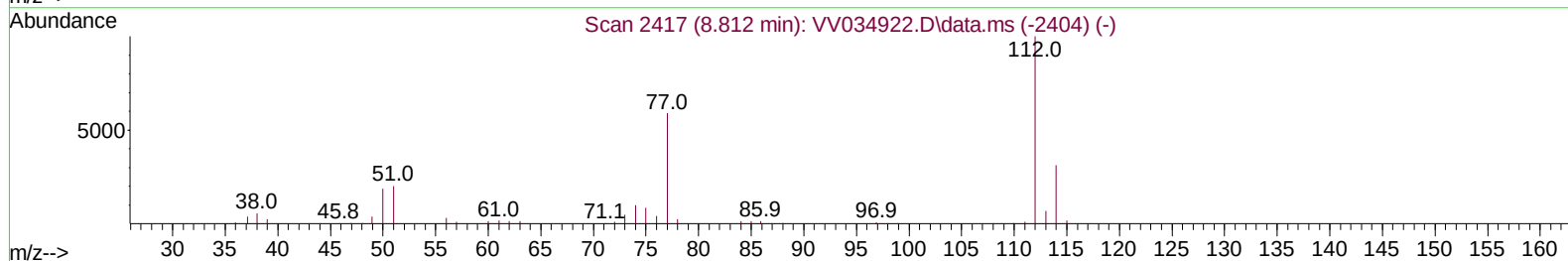
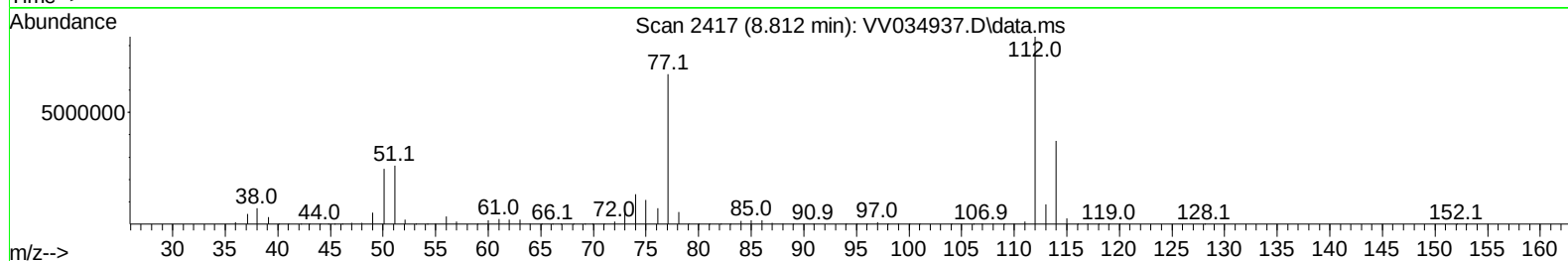
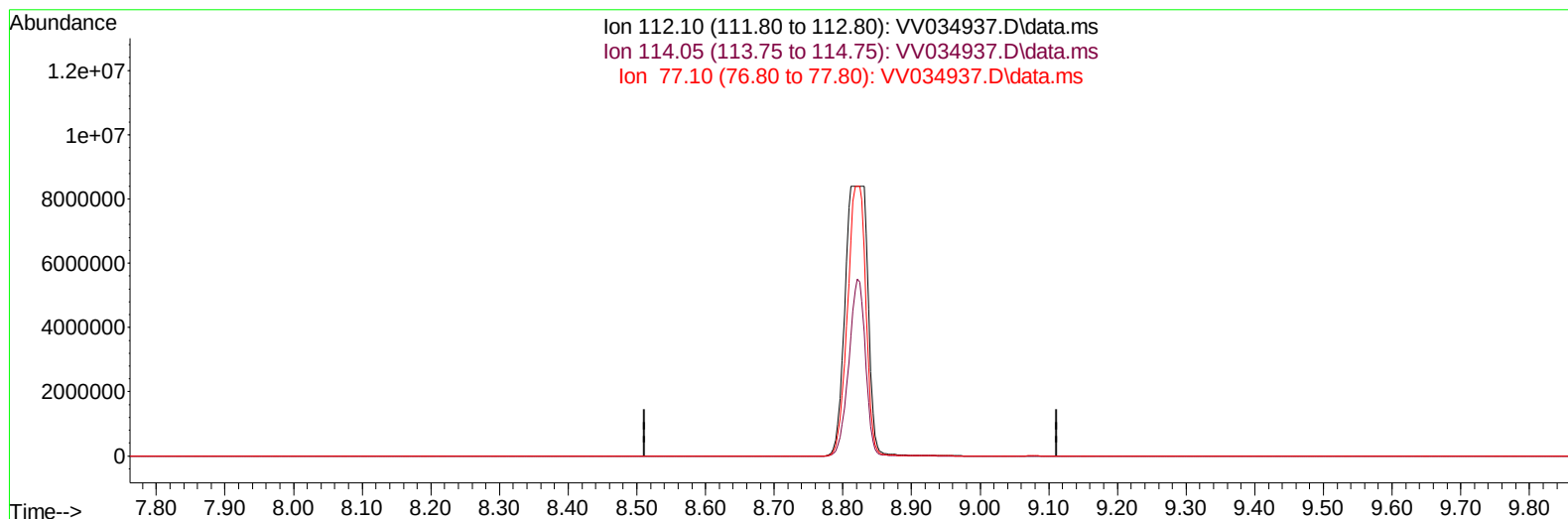
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
Data File : VV034937.D
Acq On : 02 Apr 2024 17:33
Operator : SY/MD
Sample : P1925-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PMW-9S(20240327)

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024

Quant Time: Apr 03 05:22:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 03 05:08:19 2024
Response via : Initial Calibration



TIC: VV034937.D\data.ms

(51) Chlorobenzene (T)

8.812min (-8.812) 0.00 ug/L

response 0

Ion	Exp%	Act%
112.10	100.00	0.00
114.05	31.30	0.00#
77.10	59.30	0.00#
0.00	0.00	0.00

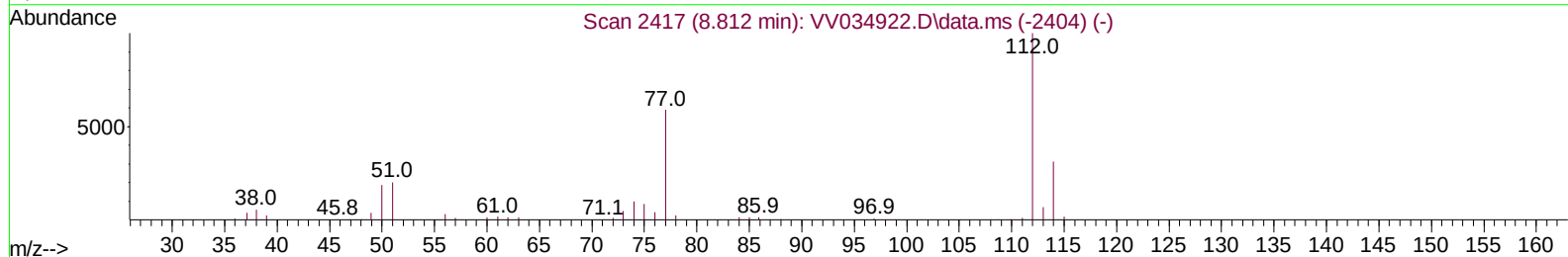
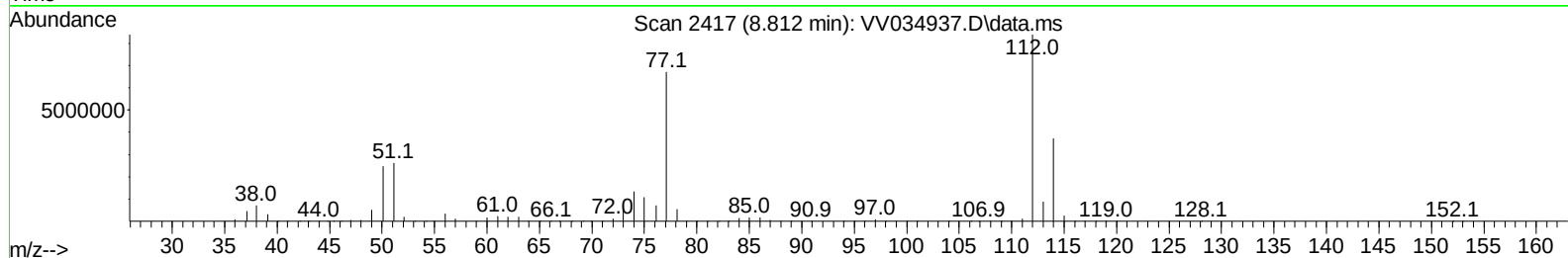
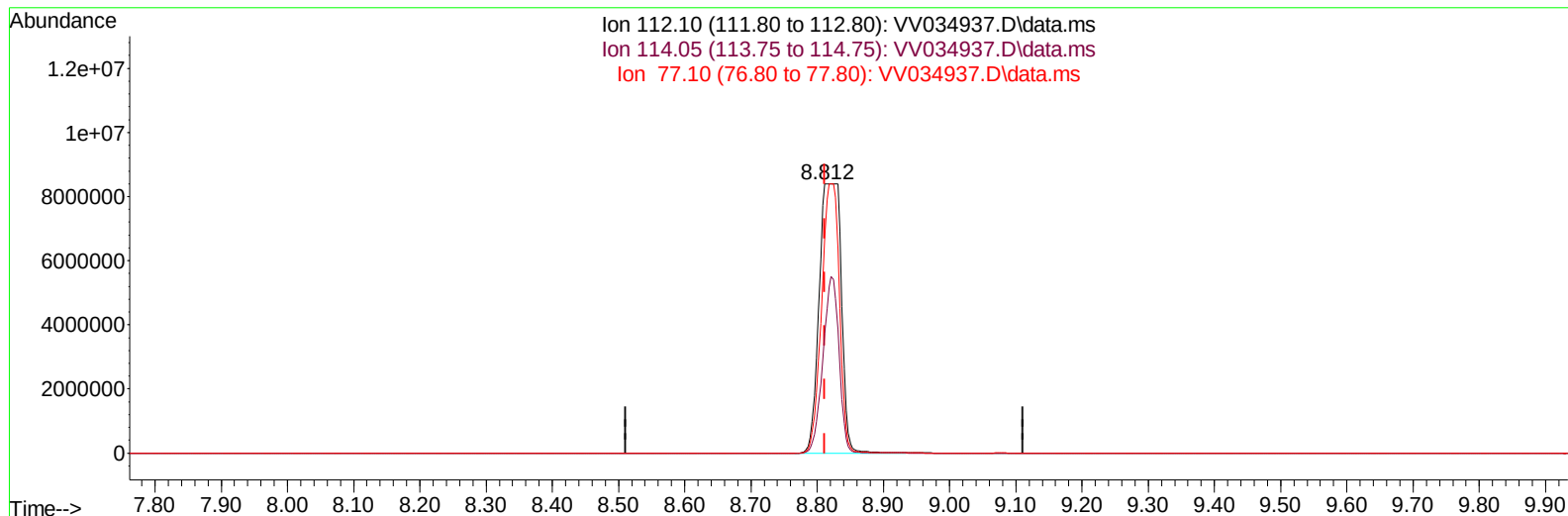
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TIC: VV034937.D\data.ms

(51) Chlorobenzene (T)

8.812min (0.000) 530.35 ug/L m

response 19437190

Ion	Exp%	Act%
112.10	100.00	100.00
114.05	31.30	44.53#
77.10	59.30	80.14#
0.00	0.00	0.00

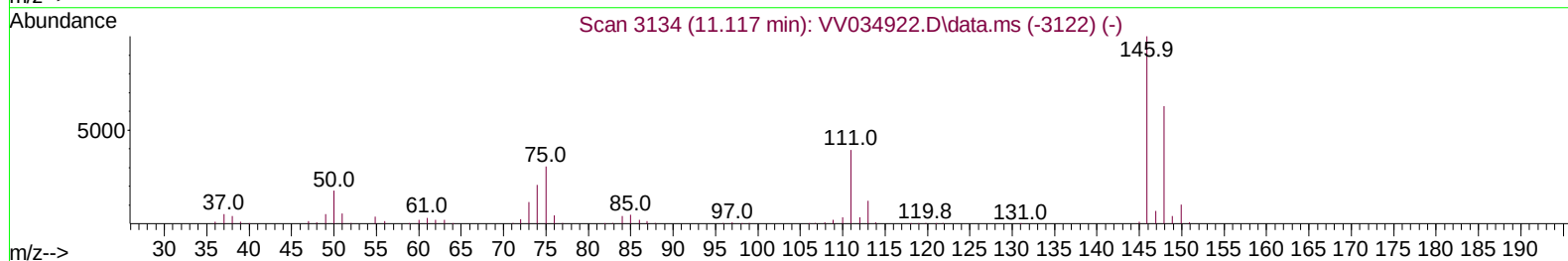
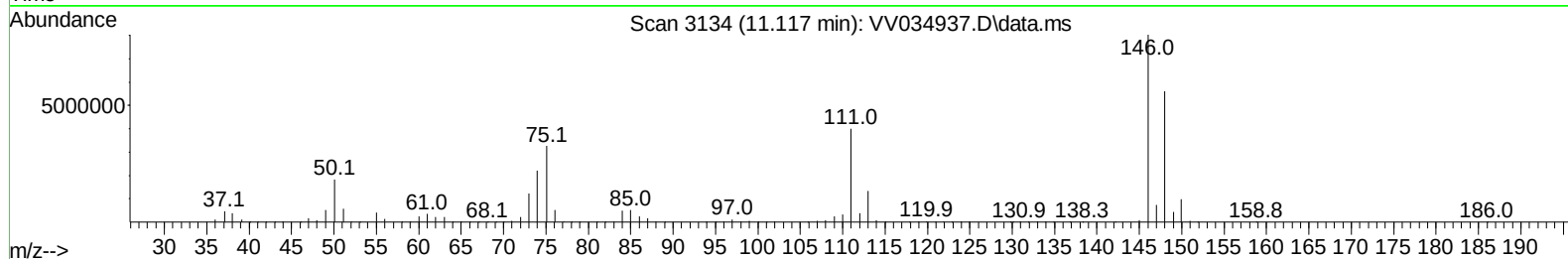
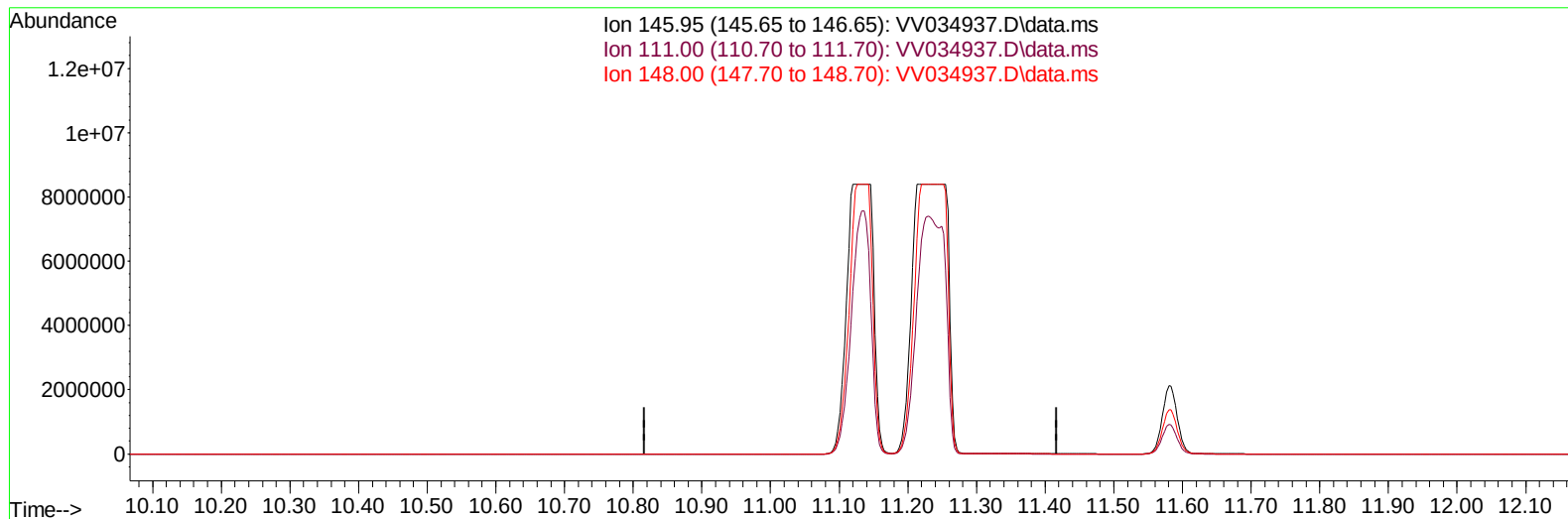
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TIC: VV034937.D\data.ms

(64) 1,3-Dichlorobenzene (T)

11.117min (-11.117) 0.00 ug/L

response 0

Ion	Exp%	Act%
145.95	100.00	0.00
111.00	39.60	0.00#
148.00	62.90	0.00#
0.00	0.00	0.00

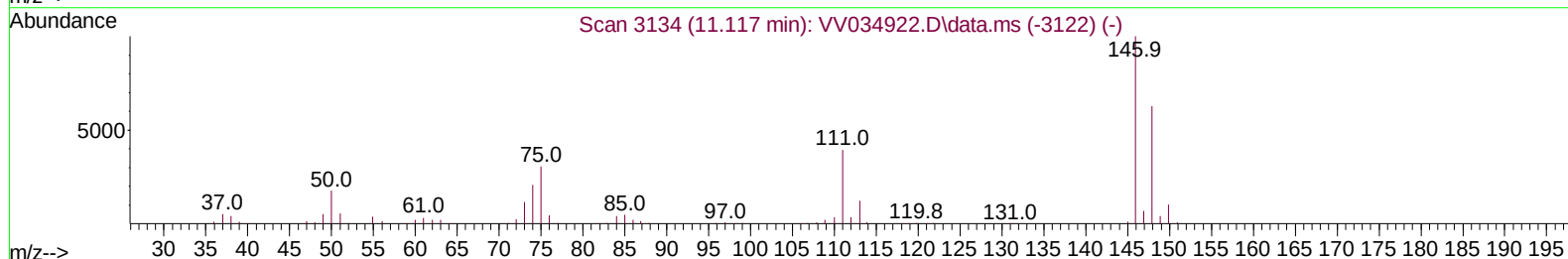
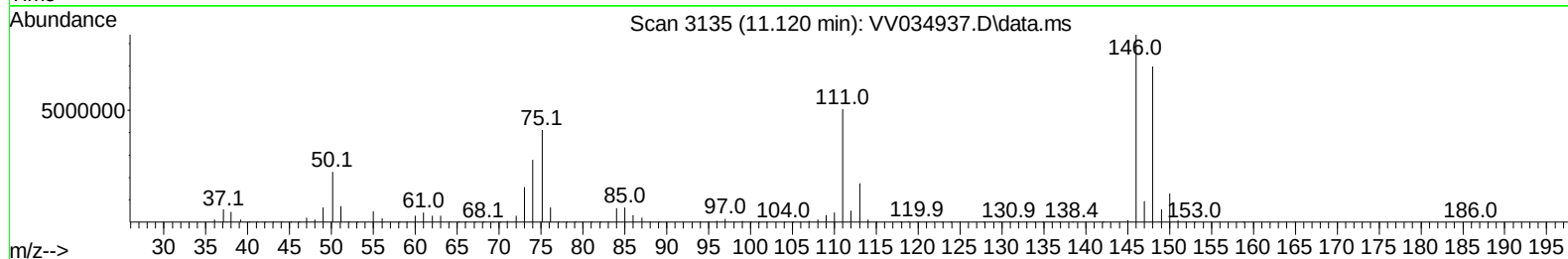
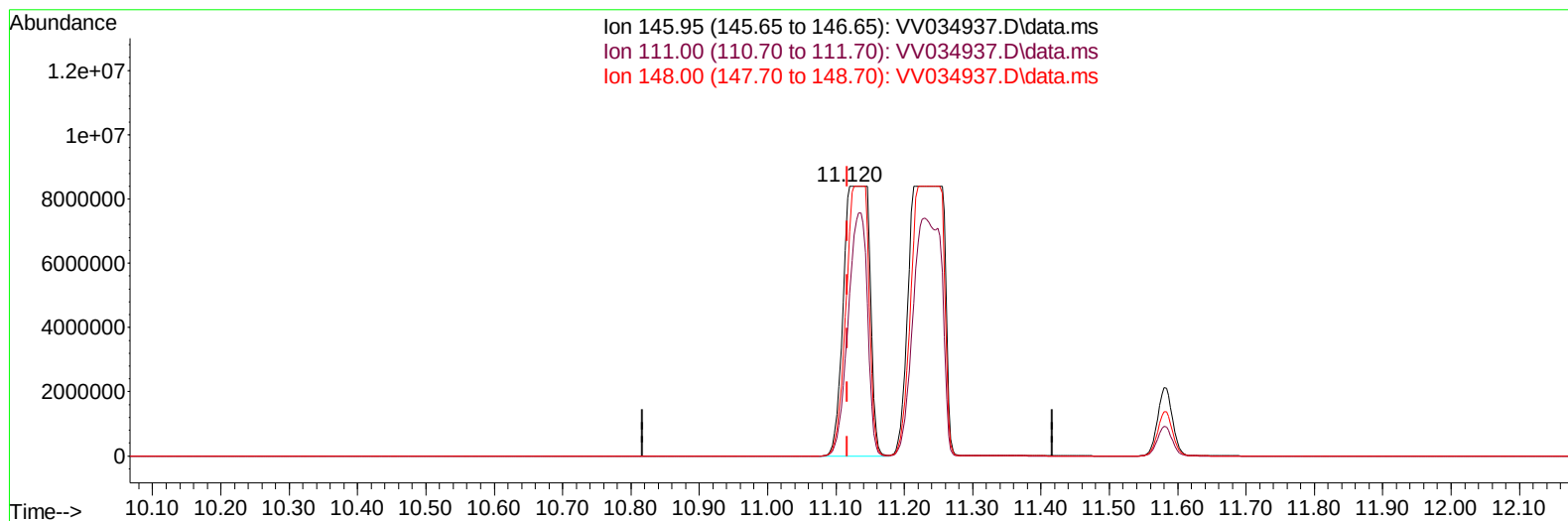
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TIC: VV034937.D\data.ms

(64) 1,3-Dichlorobenzene (T)

11.120min (+ 0.003) 592.20 ug/L m

response 22377009

Ion	Exp%	Act%
145.95	100.00	100.00
111.00	39.60	60.40#
148.00	62.90	83.16#
0.00	0.00	0.00

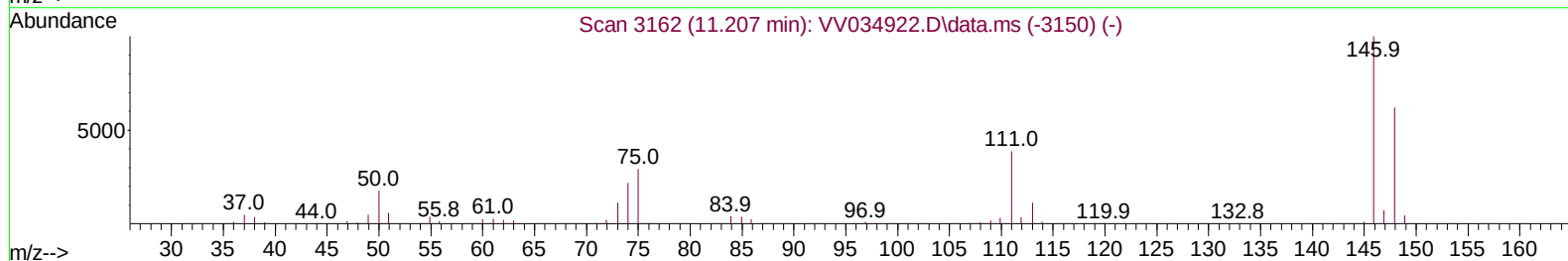
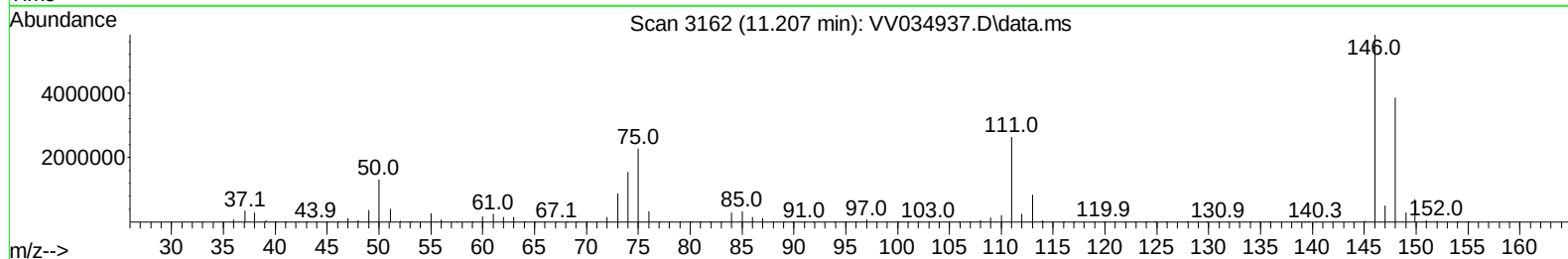
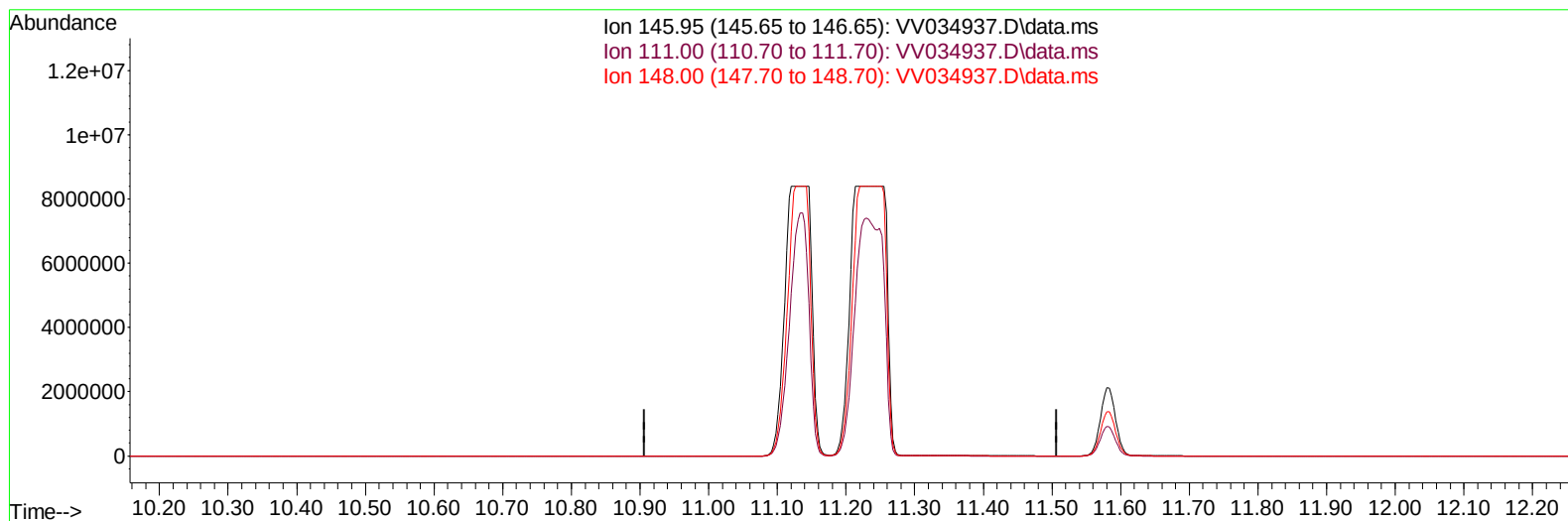
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TIC: VV034937.D\data.ms

(65) 1,4-Dichlorobenzene (T)

11.207min (-11.207) 0.00 ug/L

response 0

Ion	Exp%	Act%
145.95	100.00	0.00
111.00	39.00	0.00#
148.00	62.10	0.00#
0.00	0.00	0.00

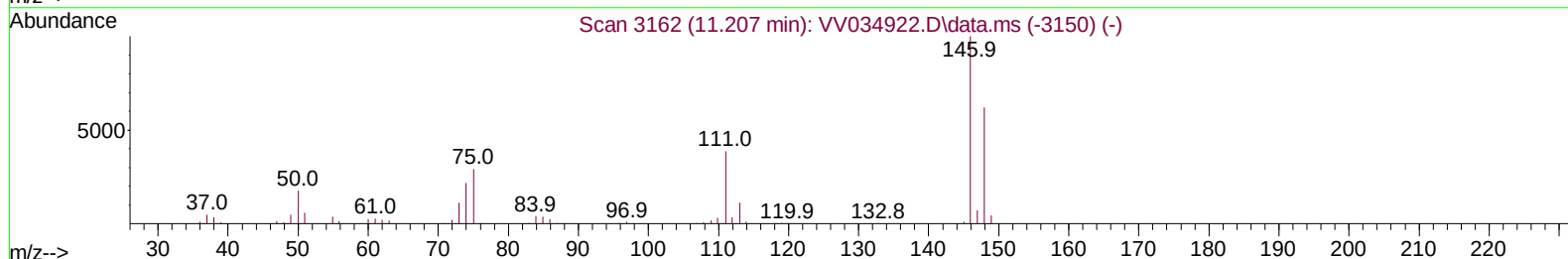
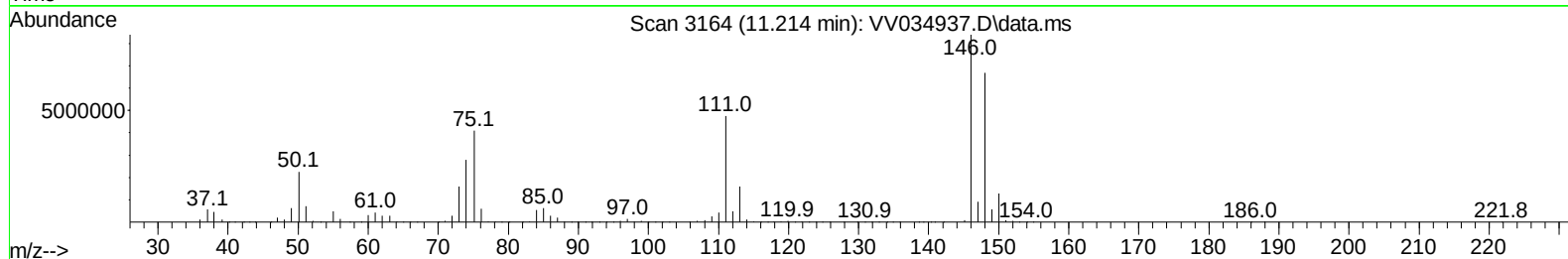
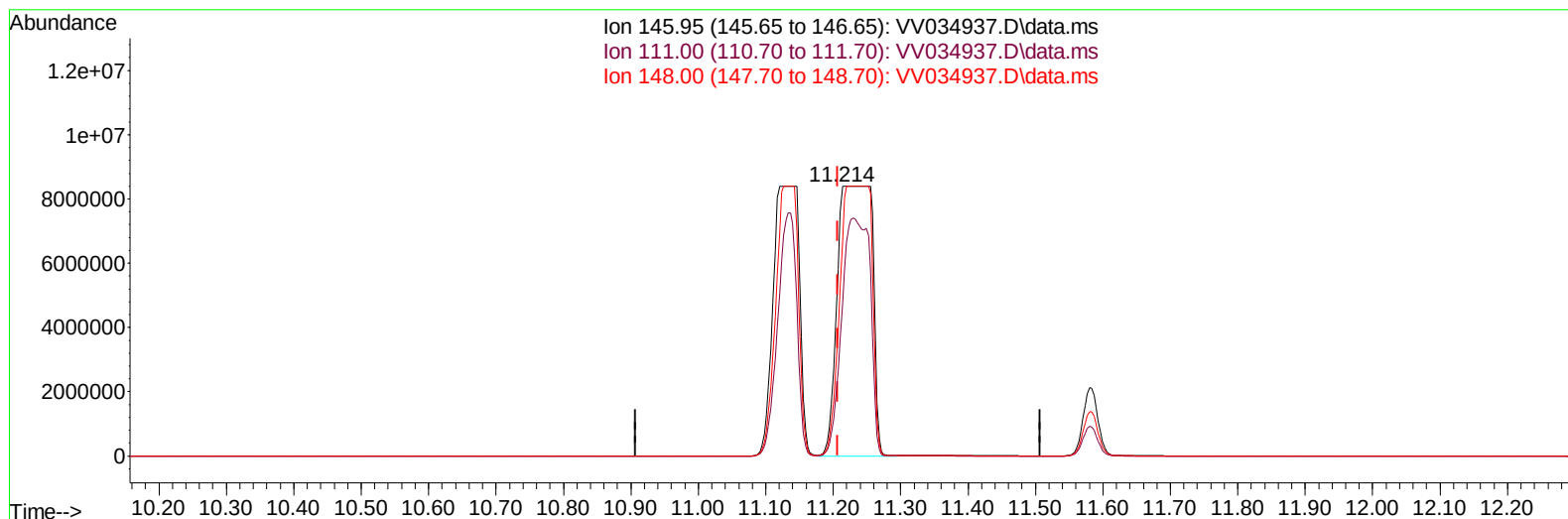
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TIC: VV034937.D\data.ms

(65) 1,4-Dichlorobenzene (T)

11.214min (+ 0.006) 790.73 ug/L m

response 29924730

Ion	Exp%	Act%
145.95	100.00	100.00
111.00	39.00	56.62#
148.00	62.10	79.72
0.00	0.00	0.00

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Instrument :
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Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	161812	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	176276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.207	152	118459	5.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	73837	5.537	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	110.800%	
7) Chloroethane-d5	1.529	69	57665	5.245	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	104.800%	
11) 1,1-Dichloroethene-d2	2.053	65	30671	5.064	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	101.200%	
20) 2-Butanone-d5	3.860	46	91411	43.810	ug/L	0.02
Spiked Amount 50.000	Range 40	- 130	Recovery	=	87.620%	
24) Chloroform-d	4.249	84	106967	4.957	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	99.200%	
26) 1,2-Dichloroethane-d4	4.944	65	53228	5.462	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	109.200%	
32) Benzene-d6	4.960	84	218183	4.732	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	5.989	67	68812	5.084	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	101.600%	
41) Toluene-d8	7.243	98	186751	4.458	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	7.561	79	20913	4.350	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.030	63	95886	58.111	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	116.220%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	50990	5.400	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	108.000%	
66) 1,2-Dichlorobenzene-d4	11.564	152	80901	4.336	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	86.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.207	50	4185	0.277	ug/L	99
5) Vinyl chloride	1.275	62	139381	8.628	ug/L	100
12) 1,1-Dichloroethene	2.066	96	4511	0.367	ug/L #	1
16) Methylene chloride	2.445	84	5633	0.418	ug/L	92
17) Methyl tert-butyl Ether	2.709	73	2330	0.088	ug/L #	77
18) trans-1,2-Dichloroethene	2.693	96	39453	3.240	ug/L	95
19) 1,1-Dichloroethane	3.111	63	53012	2.207	ug/L	100
22) cis-1,2-Dichloroethene	3.815	96	81038	6.355	ug/L	99
33) Benzene	5.011	78	156995	2.909	ug/L	100
34) Trichloroethene	5.841	95	13472	0.958	ug/L	89
42) Toluene	7.320	91	92883	1.637	ug/L	100
51) Chlorobenzene	8.812	112	19437190m	530.349	ug/L	
52) Ethylbenzene	8.953	91	15927	0.260	ug/L	98
53) m,p-Xylene	9.075	106	15258	0.678	ug/L	99
54) o-Xylene	9.484	106	6283	0.285	ug/L	94
64) 1,3-Dichlorobenzene	11.120	146	22377009m	592.201	ug/L	
65) 1,4-Dichlorobenzene	11.214	146	29924730m	790.727	ug/L	
67) 1,2-Dichlorobenzene	11.580	146	3240322	92.827	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,4-trichlorobenzene	13.197	180	262073	11.891	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	40888	2.109	ug/L	100

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

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