

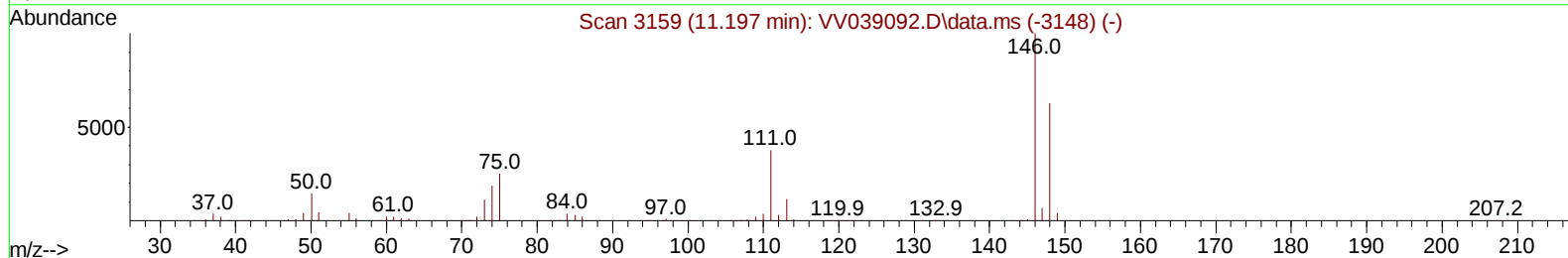
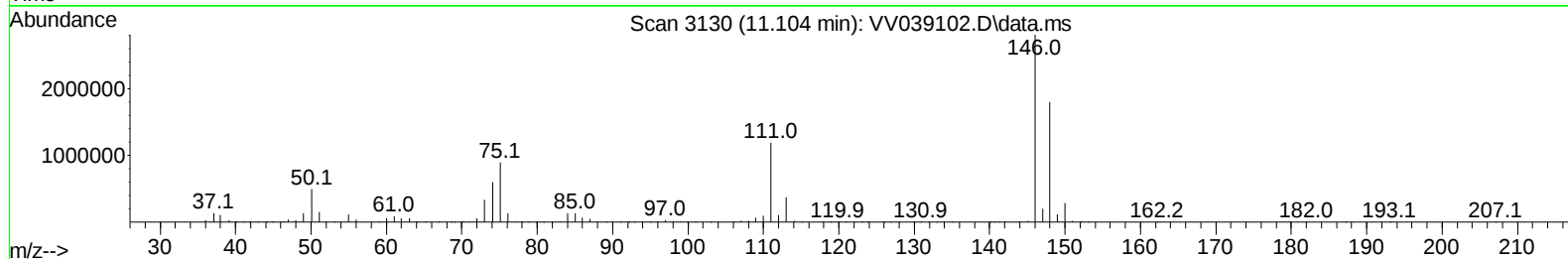
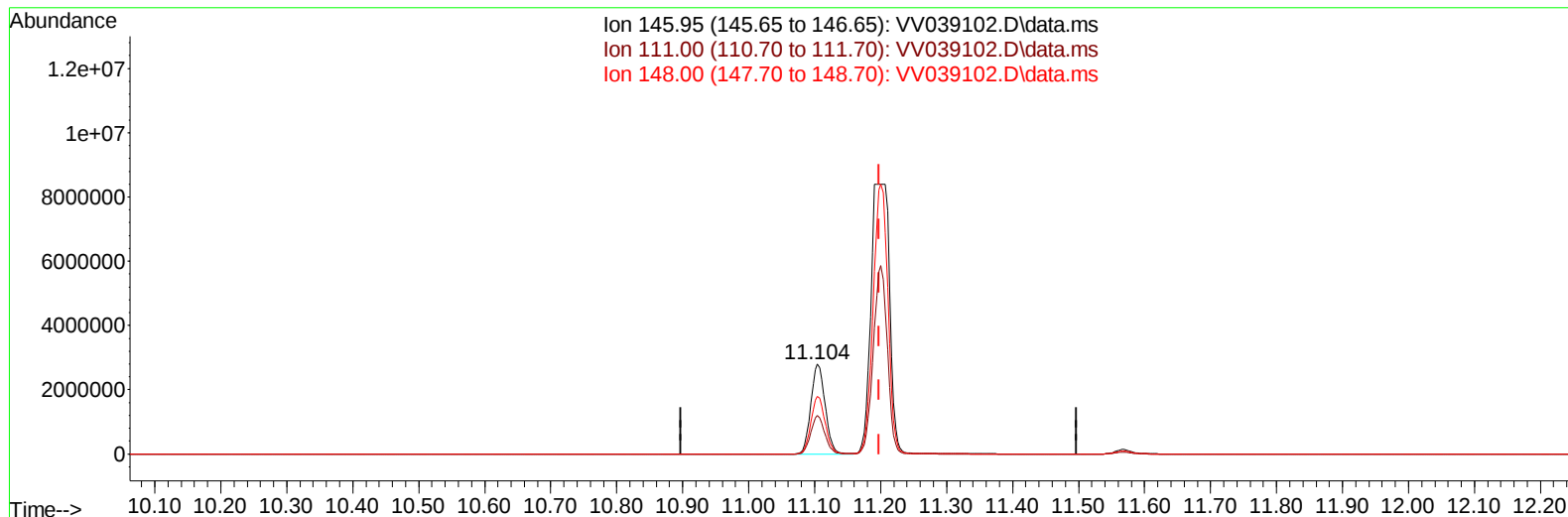
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
Data File : VV039102.D
Acq On : 16 Sep 2025 13:28
Operator : SY/MD
Sample : Q3084-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PMW-7D(20250910)

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/17/2025

Quant Time: Sep 17 02:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 17 02:19:46 2025
Response via : Initial Calibration



TIC: VV039102.D\data.ms

(65) 1,4-Dichlorobenzene (T)**11.104min (-0.093) 57.52 ug/L****response 4192048**

Ion	Exp%	Act%
145.95	100.00	100.00
111.00	38.90	42.38
148.00	62.60	64.06
0.00	0.00	0.00

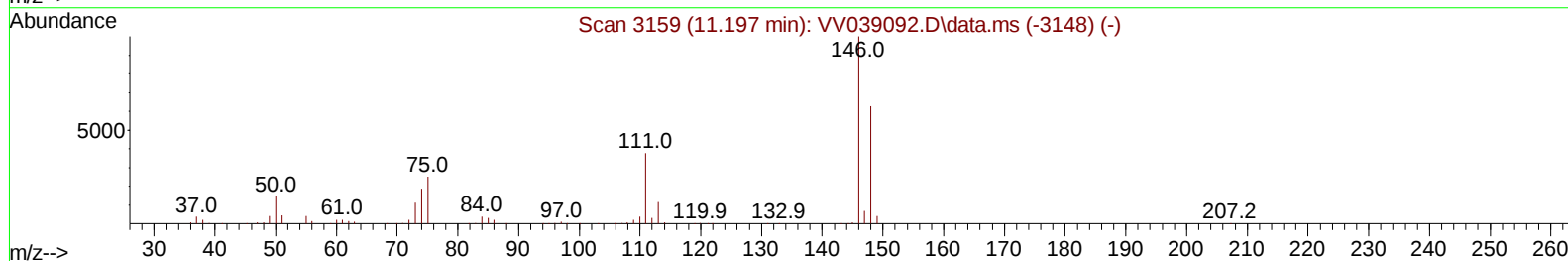
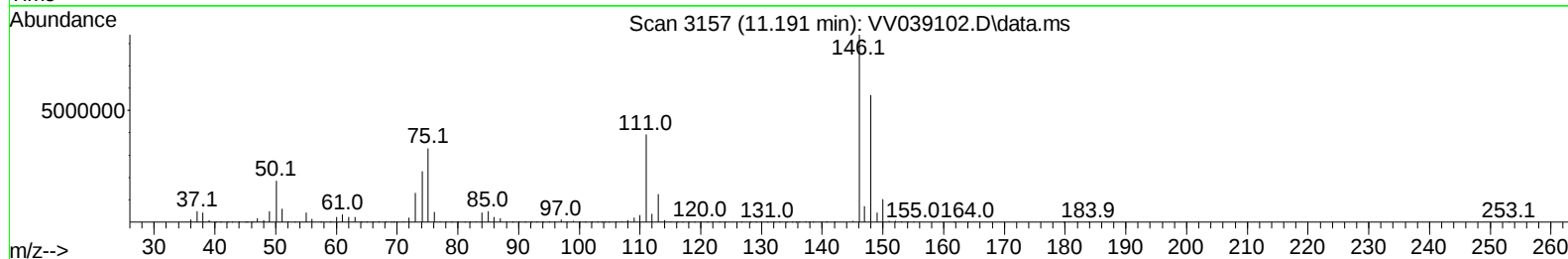
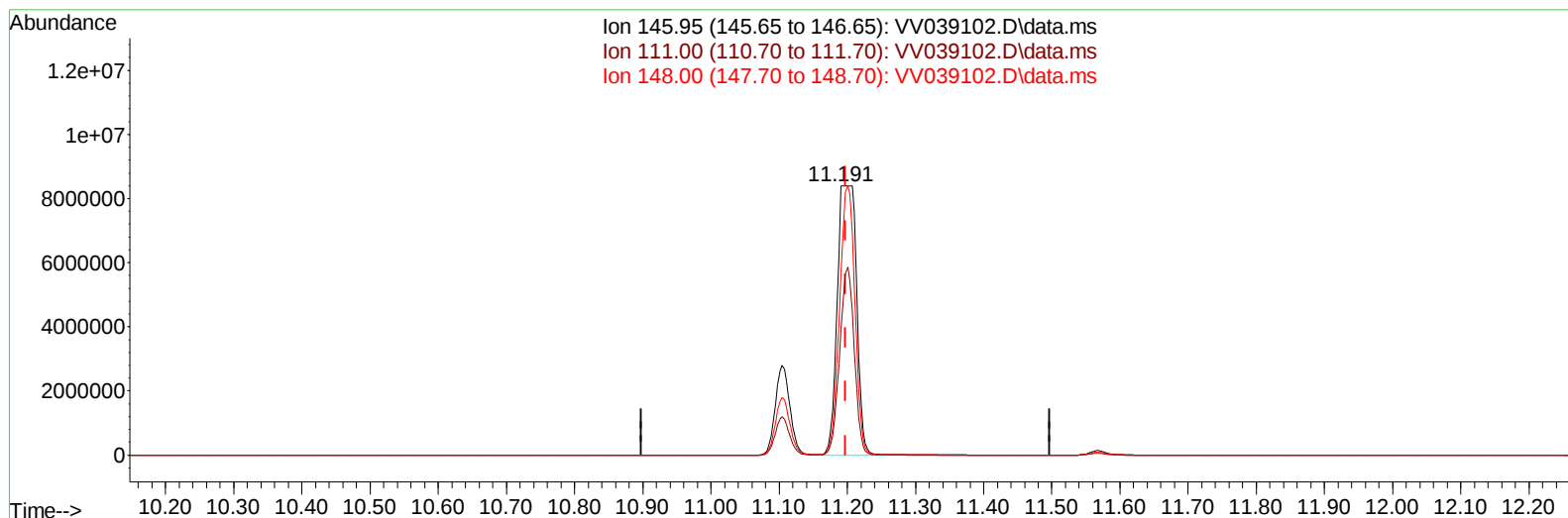
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TIC: VV039102.D\data.ms

(65) 1,4-Dichlorobenzene (T)

11.191min (-0.007) 224.66 ug/L m

response 16373503

Ion	Exp%	Act%
145.95	100.00	100.00
111.00	38.90	46.77
148.00	62.60	67.88
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	366992	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	379922	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	215846	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	126146	4.358	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	87.200%	
7) Chloroethane-d5	1.545	69	115240	4.594	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.072	65	57242	4.151	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	83.000%	
20) 2-Butanone-d5	3.789	46	247776	57.636	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	115.280%	
24) Chloroform-d	4.256	84	267753	4.763	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	95.200%	
26) 1,2-Dichloroethane-d4	4.947	65	118996	5.027	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	100.600%	
32) Benzene-d6	4.963	84	487434	4.689	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	5.989	67	153155	4.929	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	98.600%	
41) Toluene-d8	7.239	98	362598	3.896	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	78.000%	
43) trans-1,3-Dichloroprop...	7.558	79	47512	4.180	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	83.600%	
46) 2-Hexanone-d5	8.017	63	164161	44.615	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	89.220%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	112231	5.059	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	101.200%	
66) 1,2-Dichlorobenzene-d4	11.548	152	138810	3.995	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	80.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.294	62	222408	5.534	ug/L #	55
12) 1,1-Dichloroethene	2.082	96	36962	1.227	ug/L #	11
16) Methylene chloride	2.461	84	7449	0.220	ug/L	88
18) trans-1,2-Dichloroethene	2.703	96	318170	10.373	ug/L	99
19) 1,1-Dichloroethane	3.121	63	858479	15.260	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	2706458	90.409	ug/L	98
27) 1,2-Dichloroethane	5.056	62	19504	0.652	ug/L	99
33) Benzene	5.014	78	420192	3.514	ug/L	100
34) Trichloroethene	5.857	95	6046	0.188	ug/L	90
42) Toluene	7.329	91	31022	0.249	ug/L	98
51) Chlorobenzene	8.802	112	3289111	40.887	ug/L	98
52) Ethylbenzene	8.953	91	11229	0.087	ug/L	95
53) m,p-Xylene	9.095	106	2607	0.052	ug/L	95
64) 1,3-Dichlorobenzene	11.104	146	4192048	59.504	ug/L	97
65) 1,4-Dichlorobenzene	11.191	146	16373503m	224.663	ug/L	
67) 1,2-Dichlorobenzene	11.567	146	234359	3.754	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	6922	0.199	ug/L	96

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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