

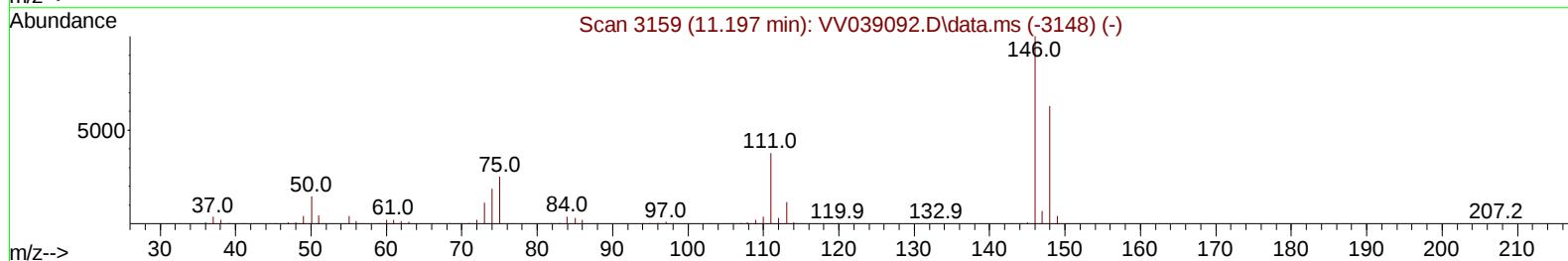
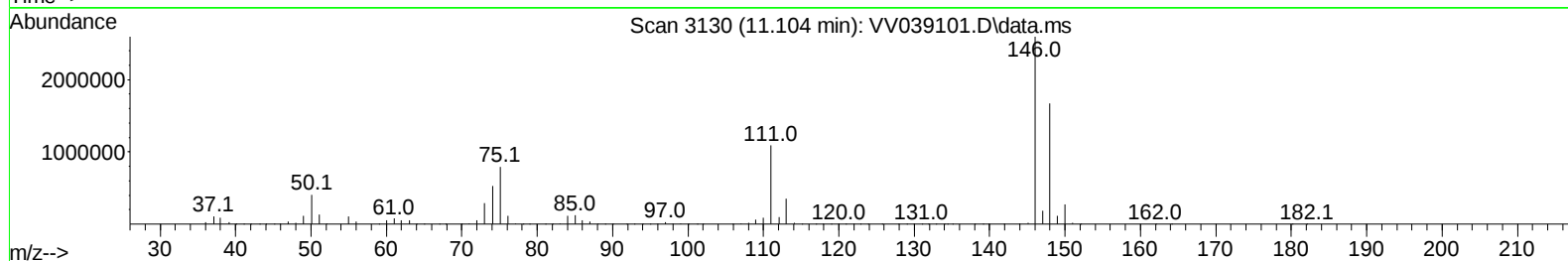
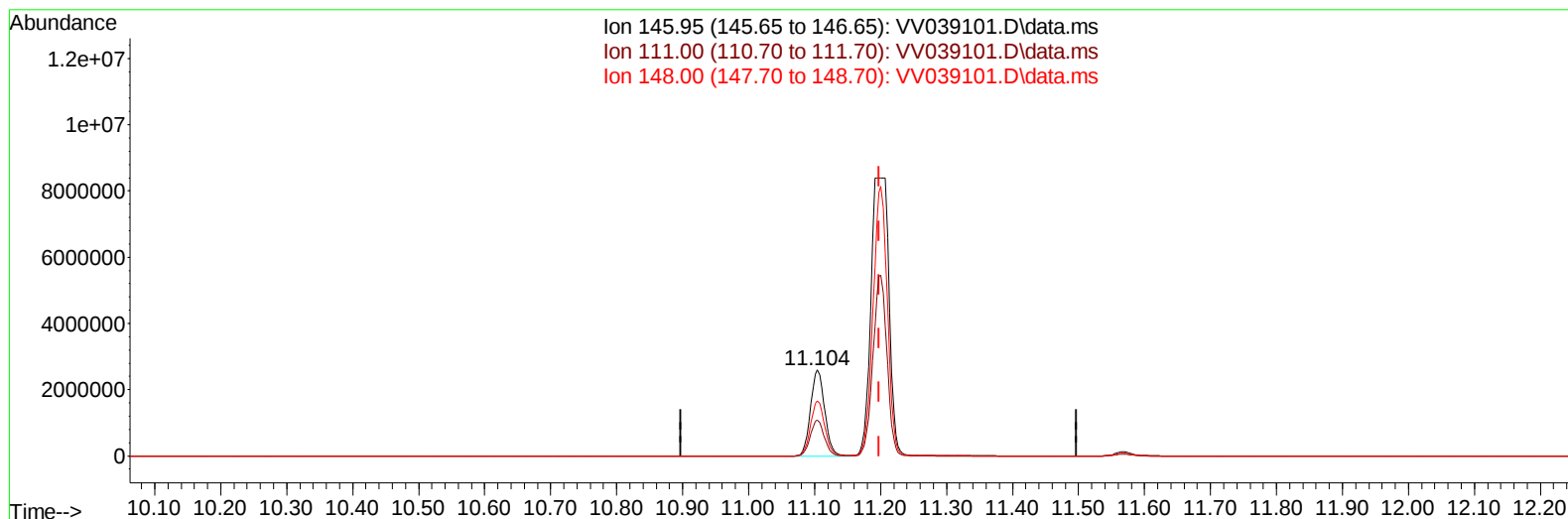
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
Data File : VV039101.D
Acq On : 16 Sep 2025 13:06
Operator : SY/MD
Sample : Q3084-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

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

Manual IntegrationsAPPROVED

Quant Time: Sep 17 02:22:37 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

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



TIC: VV039101.D\data.ms

(65) 1,4-Dichlorobenzene (T)

11.104min (-0.093) 52.84 ug/L

response 3860106

Ion	Exp%	Act%
145.95	100.00	100.00
111.00	38.90	41.93
148.00	62.60	64.39
0.00	0.00	0.00

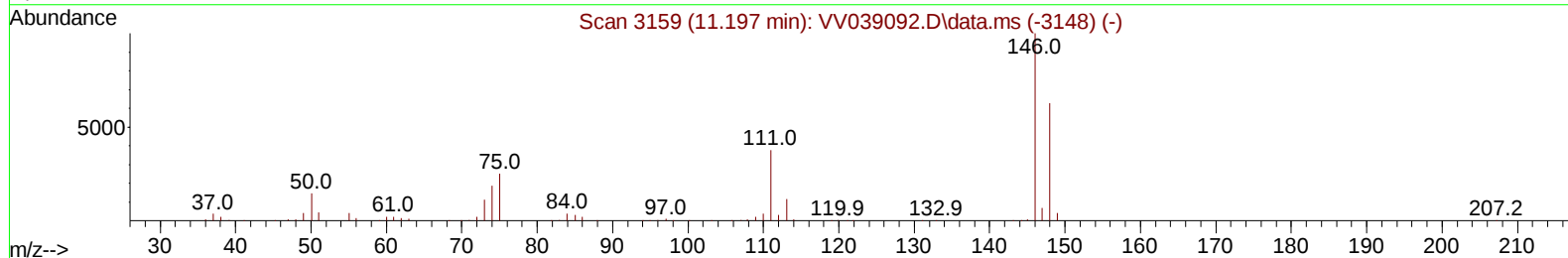
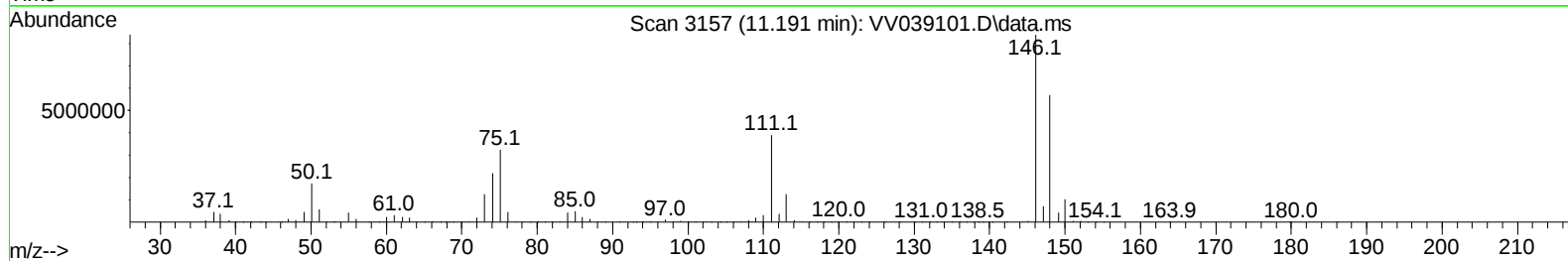
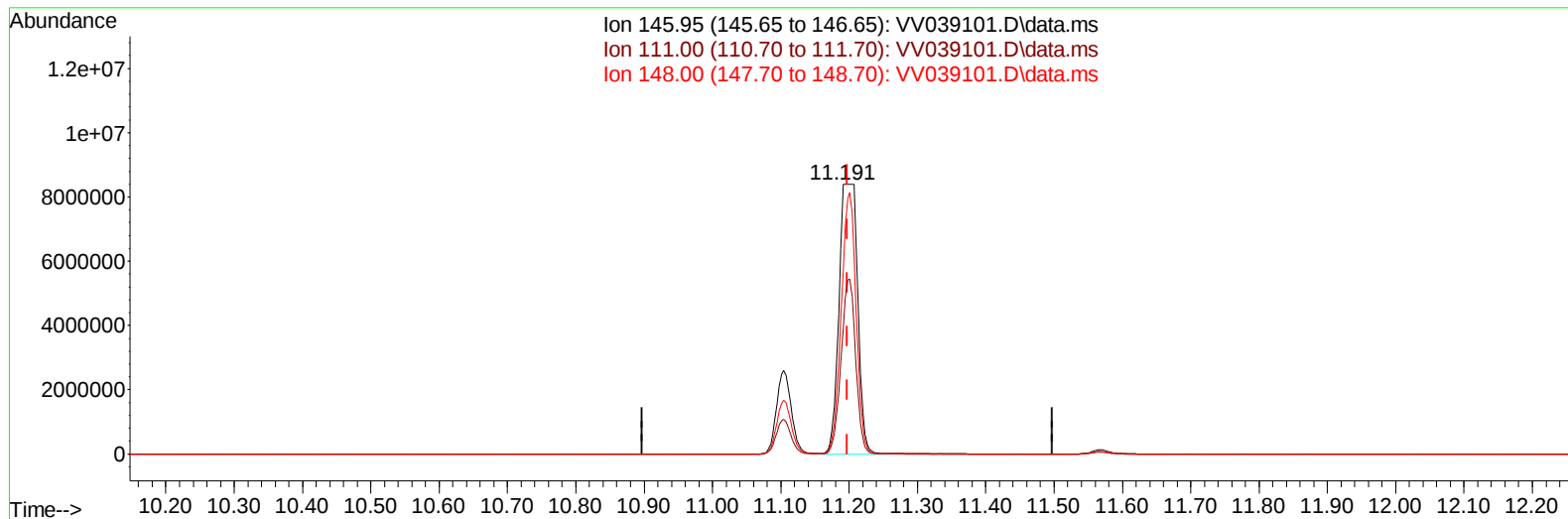
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TIC: VV039101.D\data.ms

(65) 1,4-Dichlorobenzene (T)

11.191min (-0.006) 218.20 ug/L m

response 15939439

Ion	Exp%	Act%
145.95	100.00	100.00
111.00	38.90	46.59
148.00	62.60	67.91
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	5.535	114	366564	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	373562	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	216347	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	125817	4.352	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	87.000%	
7) Chloroethane-d5	1.545	69	119794	4.782	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	95.600%	
11) 1,1-Dichloroethene-d2	2.073	65	56909	4.132	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	82.600%	
20) 2-Butanone-d5	3.789	46	233422	54.360	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	108.720%	
24) Chloroform-d	4.256	84	269592	4.801	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	4.947	65	121795	5.151	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	103.000%	
32) Benzene-d6	4.963	84	480428	4.700	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	94.000%	
36) 1,2-Dichloropropane-d6	5.989	67	154847	5.068	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	101.400%	
41) Toluene-d8	7.240	98	358240	3.915	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	78.200%	
43) trans-1,3-Dichloroprop...	7.558	79	44772	4.006	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.014	63	164025	45.337	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	90.680%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	112993	5.180	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	103.600%	
66) 1,2-Dichlorobenzene-d4	11.548	152	136059	3.907	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	78.200%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.294	62	222723	5.549	ug/L #	82
12) 1,1-Dichloroethene	2.082	96	34764	1.155	ug/L #	1
16) Methylene chloride	2.462	84	5409	0.160	ug/L	97
17) Methyl tert-butyl Ether	2.716	73	16449	0.318	ug/L #	71
18) trans-1,2-Dichloroethene	2.706	96	287312	9.378	ug/L	97
19) 1,1-Dichloroethane	3.118	63	859953	15.304	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	2587463	86.535	ug/L	98
27) 1,2-Dichloroethane	5.060	62	19626	0.657	ug/L	100
33) Benzene	5.015	78	311650	2.650	ug/L	100
42) Toluene	7.326	91	27005	0.220	ug/L	96
51) Chlorobenzene	8.802	112	3080084	38.940	ug/L	99
52) Ethylbenzene	8.956	91	11342	0.090	ug/L	93
64) 1,3-Dichlorobenzene	11.104	146	3860106	54.665	ug/L	97
65) 1,4-Dichlorobenzene	11.191	146	15939439m	218.201	ug/L	
67) 1,2-Dichlorobenzene	11.567	146	223564	3.573	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	7152	0.205	ug/L	97

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

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

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