

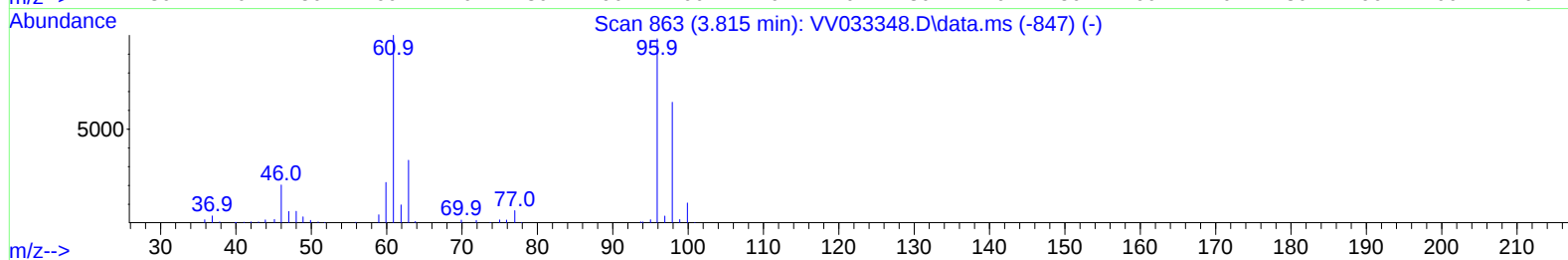
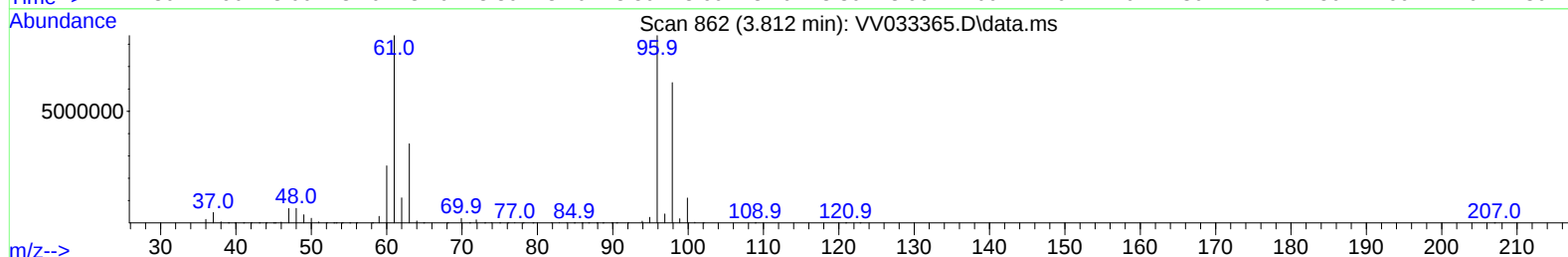
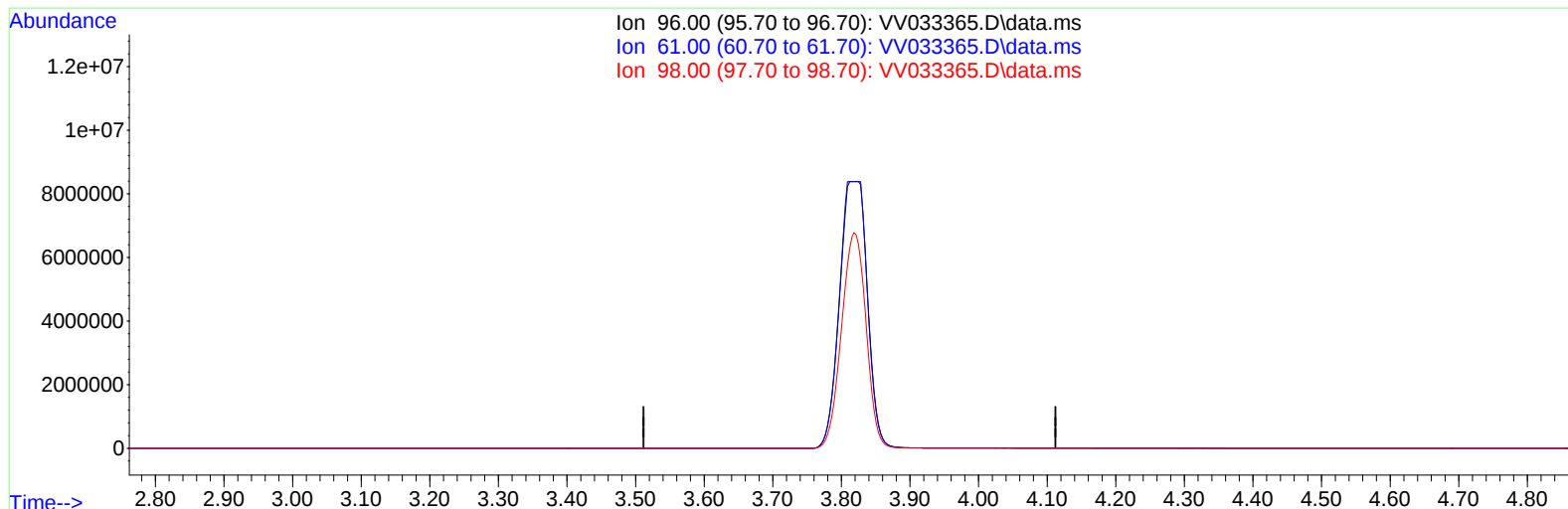
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121423\
 Data File : VV033365.D
 Acq On : 15 Dec 2023 03:11
 Operator : SY/MD
 Sample : 05802-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F7B26

Manual IntegrationsAPPROVED

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 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
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Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/16/2023



TIC: VV033365.D\data.ms

(20) cis-1,2-Dichloroethene (T)

3.812min (-3.812) 0.00 ug/L

response 0

Ion	Exp%	Act%
96.00	100.00	0.00
61.00	113.00	0.00#
98.00	64.40	0.00#
0.00	0.00	0.00

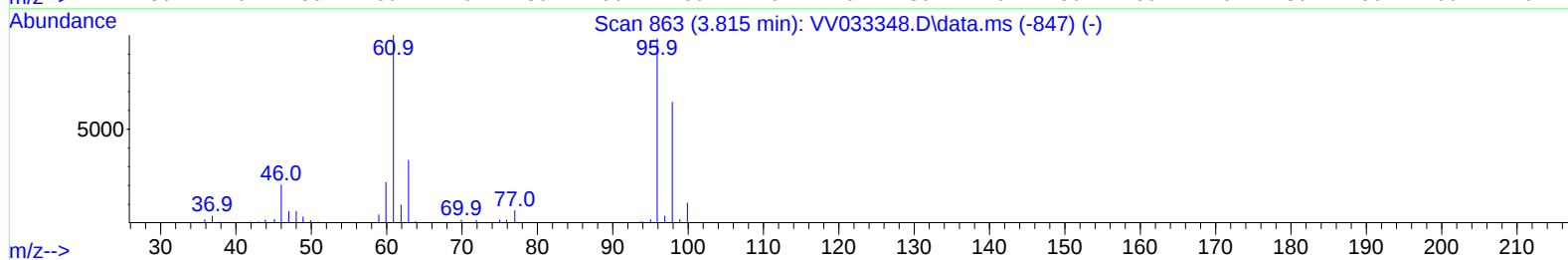
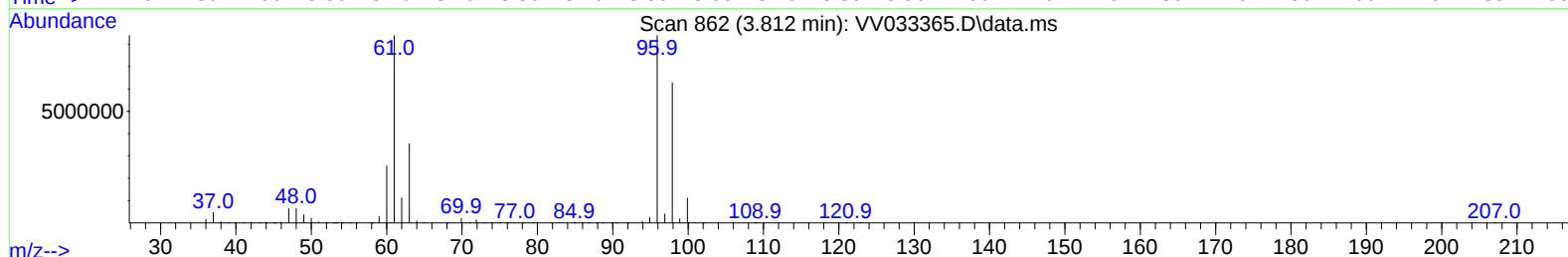
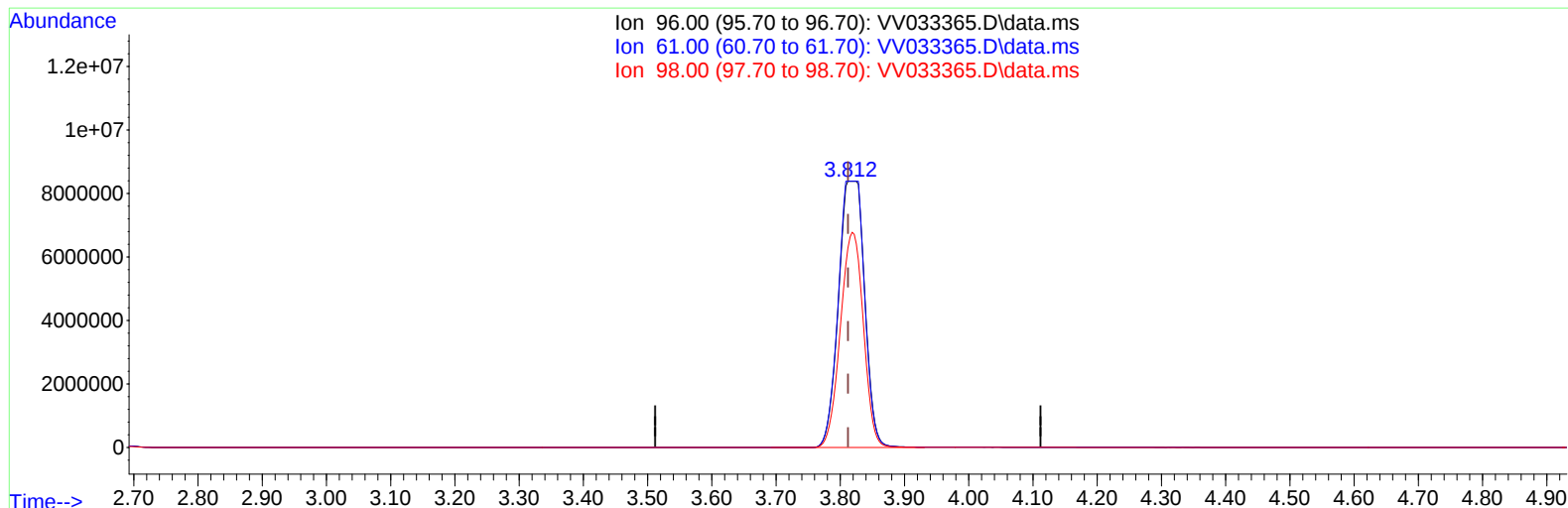
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TIC: VV033365.D\data.ms

(20) cis-1,2-Dichloroethene (T)

3.812min (+ 0.000) 16668.88 ug/L m

response 23635981

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	113.00	100.00
98.00	64.40	74.91
0.00	0.00	0.00

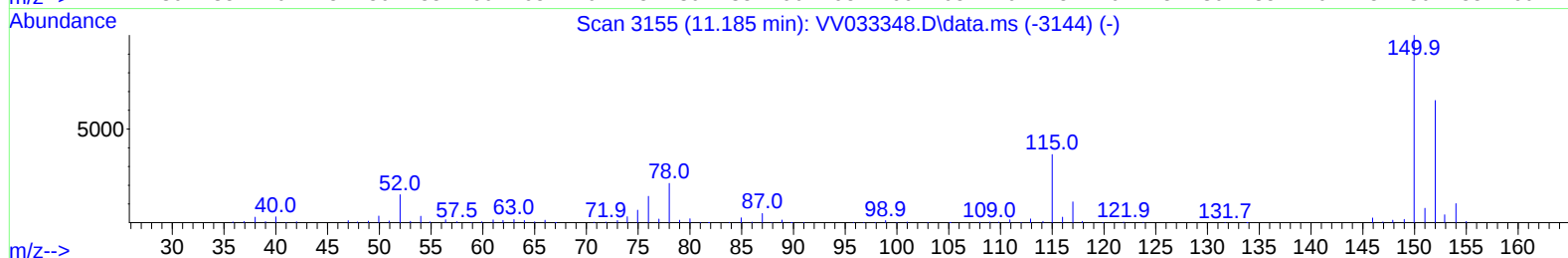
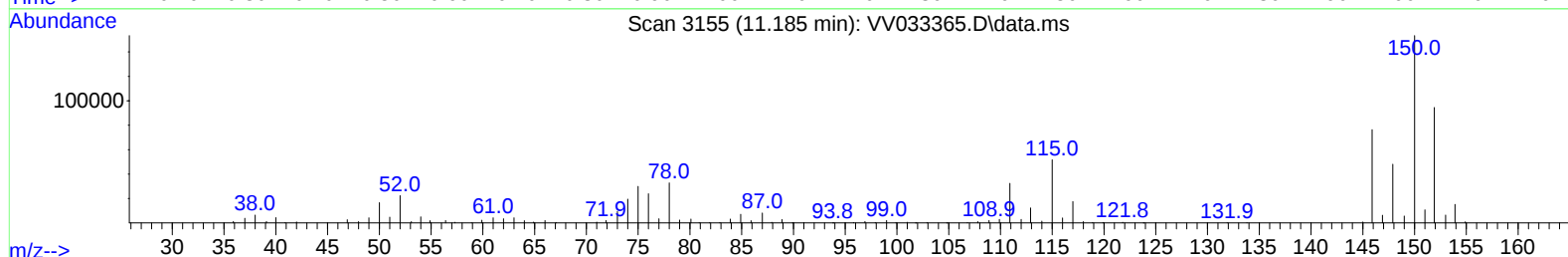
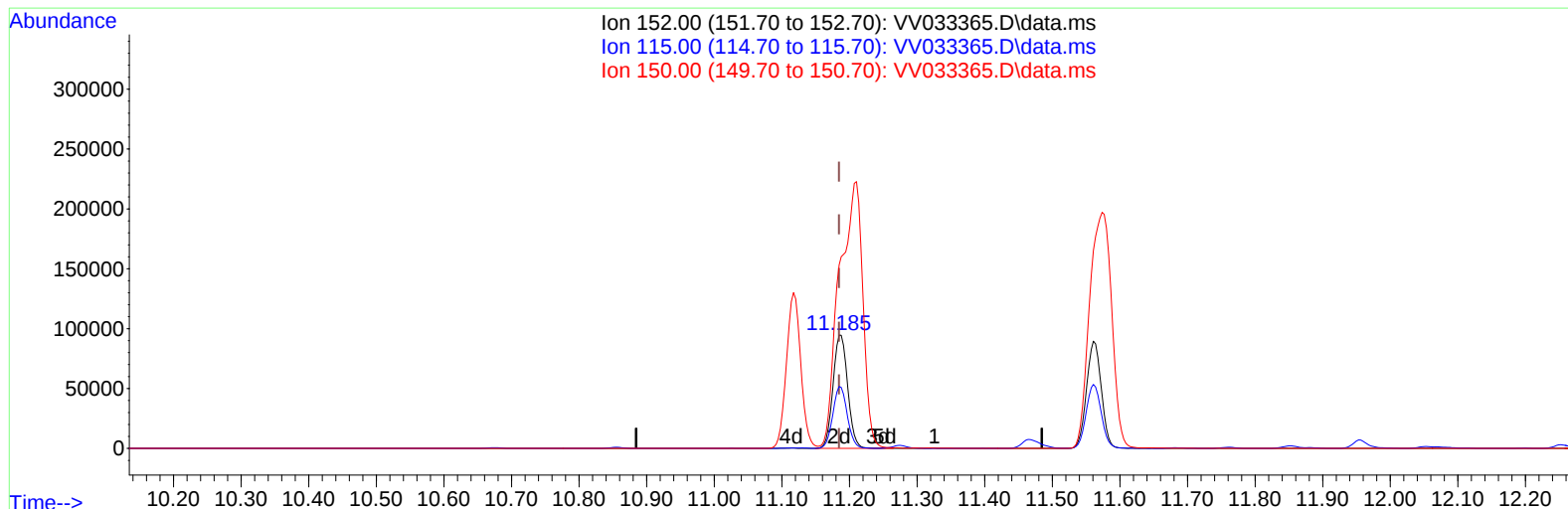
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TIC: VV033365.D\data.ms

(58) 1,4-Dichlorobenzene-d4 (I)

11.185min (+ 0.000) 50.00 ug/L m

response 142693

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	56.40	0.03
150.00	172.50	0.09
0.00	0.00	0.00

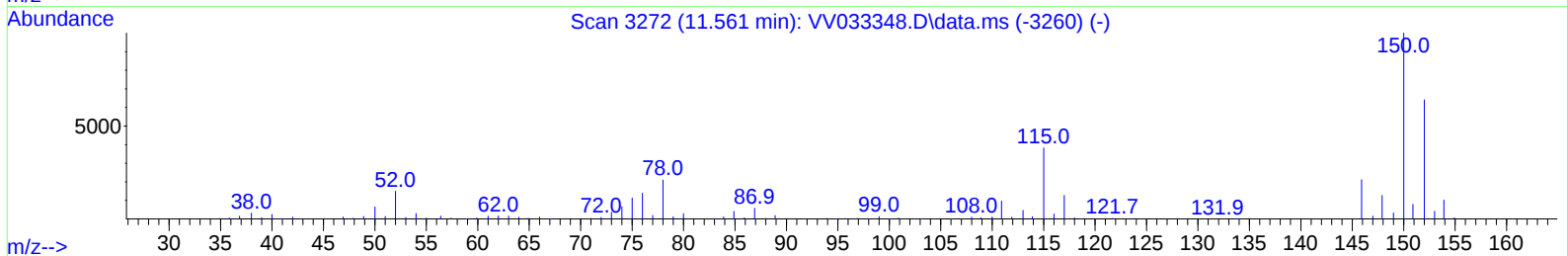
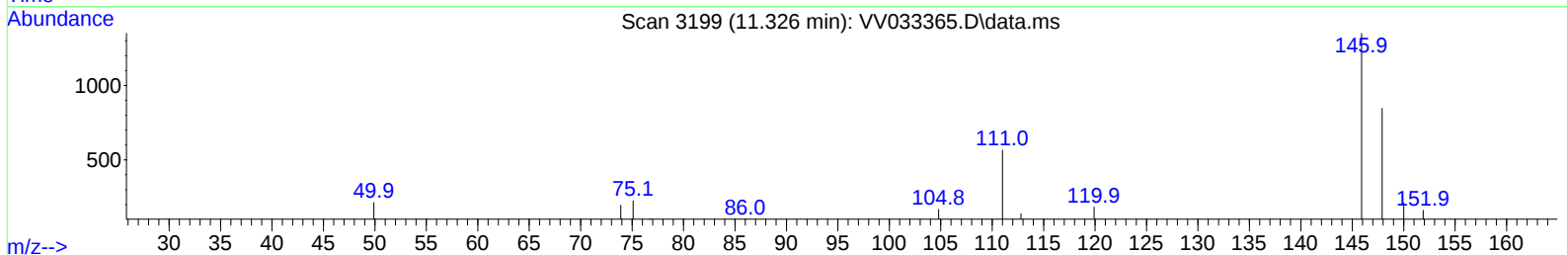
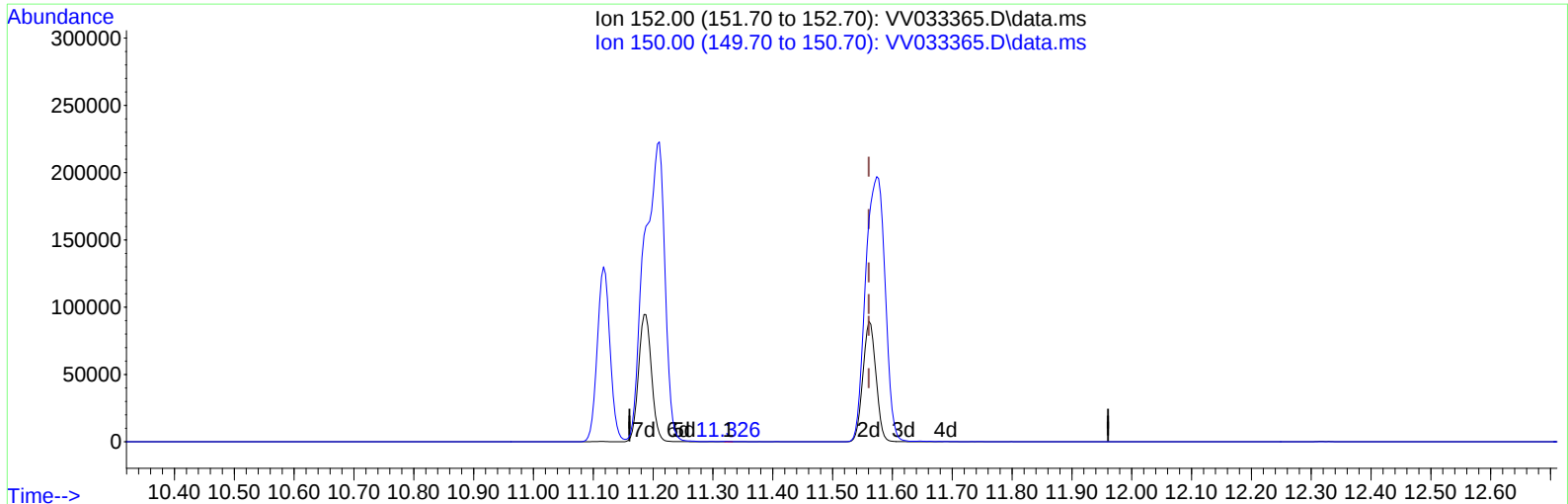
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TIC: VV033365.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

11.326min (-0.235) 0.03 ug/L

response	80	
Ion	Exp%	Act%
152.00	100.00	100.00
150.00	175.70	136.25
0.00	0.00	0.00
0.00	0.00	0.00

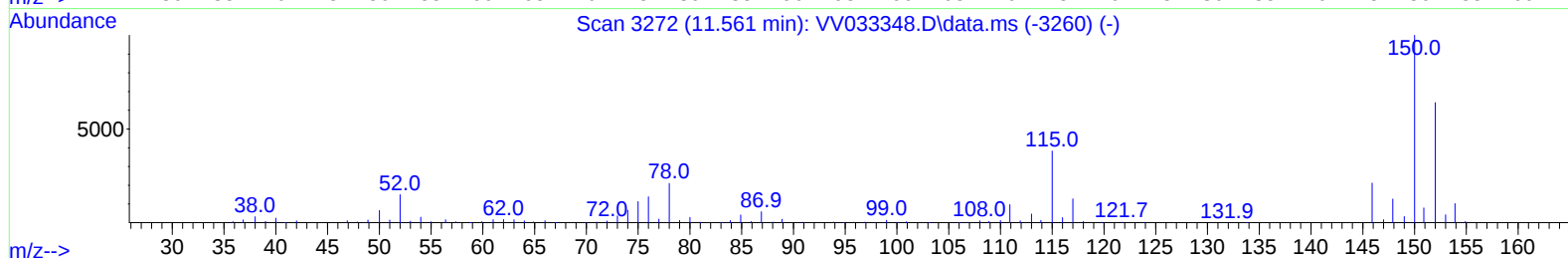
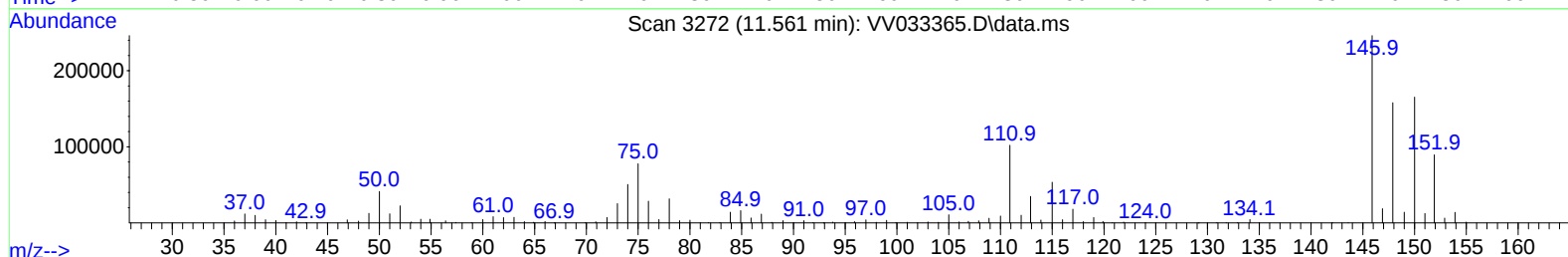
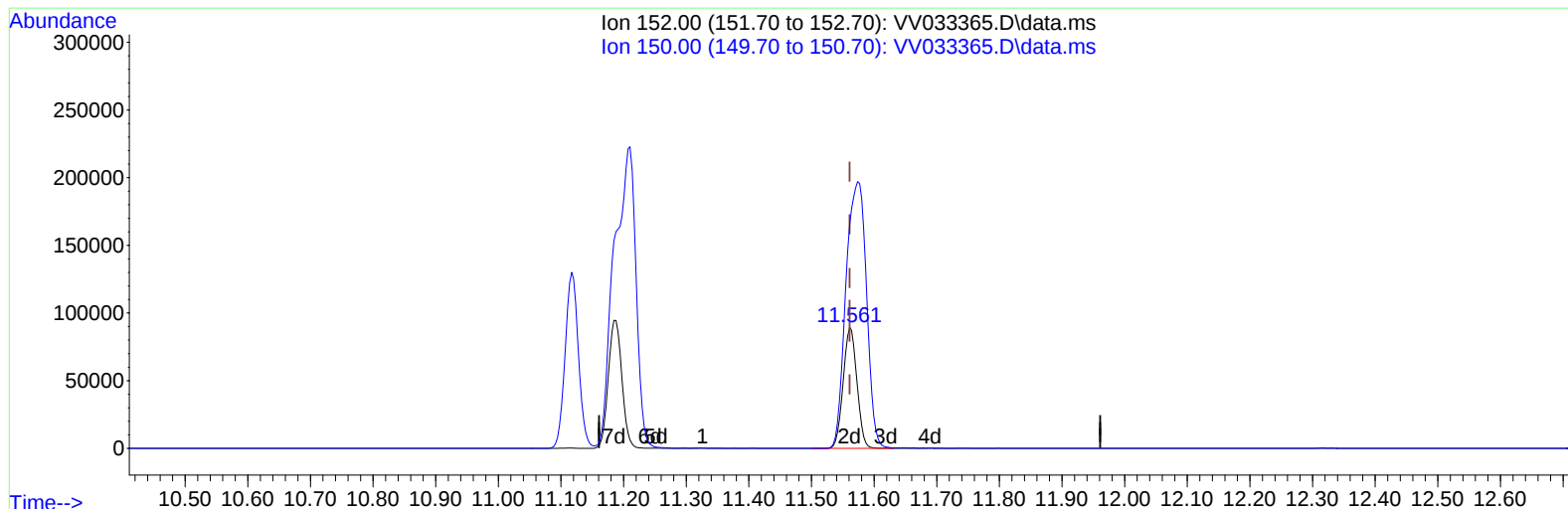
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TIC: VV033365.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

11.561min (+ 0.000) 53.61 ug/L m

response 136116

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	175.70	0.08#
0.00	0.00	0.00
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	5.532	114	203016	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	216517	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	142693m	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	66221	54.564	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 109.120%			
7) Chloroethane-d5	1.532	69	29541	34.934	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 69.860%#			
11) 1,1-Dichloroethene-d2	2.063	65	16167	35.017	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.040%			
21) 2-Butanone-d5	3.815	46	63794	105.832	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.830%			
24) Chloroform-d	4.249	84	119253	46.302	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.600%			
26) 1,2-Dichloroethane-d4	4.941	65	82908	51.776	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.560%			
32) Benzene-d6	4.960	84	220438	43.532	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.060%			
36) 1,2-Dichloropropane-d6	5.989	67	54706	40.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 80.360%			
41) Toluene-d8	7.243	98	228190	47.238	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.480%			
43) trans-1,3-Dichloroprop...	7.551	79	37813	43.919	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.840%			
47) 2-Hexanone-d5	8.021	63	46484	84.983	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 84.980%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	91710	47.383	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.760%			
66) 1,2-Dichlorobenzene-d4	11.561	152	136116m	53.613	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.220%			
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.282	62	2933511	2089.895	ug/L	97
12) 1,1-Dichloroethene	2.072	96	44875	44.090	ug/L	89
17) trans-1,2-Dichloroethene	2.696	96	81198	60.761	ug/L	88
18) Methyl tert-butyl Ether	2.706	73	23270	5.732	ug/L	97
19) 1,1-Dichloroethane	3.114	63	53073	23.995	ug/L	97
20) cis-1,2-Dichloroethene	3.812	96	23635981m	16668.877	ug/L	
27) 1,2-Dichloroethane	5.047	62	26412	13.140	ug/L	97
29) Cyclohexane	4.577	56	5709	2.855	ug/L #	59
33) Benzene	5.008	78	595336	108.505	ug/L	100
34) Trichloroethene	5.838	95	19606	11.961	ug/L	96
42) Toluene	7.313	91	952262	154.019	ug/L	99
46) Tetrachloroethene	7.905	164	58153	41.270	ug/L	95
51) Chlorobenzene	8.812	112	1916421	440.777	ug/L	97
52) Ethylbenzene	8.953	91	9967	1.401	ug/L	94
53) m,p-Xylene	9.075	106	11258	3.995	ug/L	98
54) o-Xylene	9.481	106	10947	3.936	ug/L	89
62) 1,3,5-Trimethylbenzene	10.477	105	3708	0.559	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	30987	4.489	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	1840686	418.762	ug/L	99

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
65) 1,4-Dichlorobenzene	11.210	146	3014377	660.183	ug/L	99	
67) 1,2-Dichlorobenzene	11.580	146	2278404	528.729	ug/L	99	
70) 1,2,4-trichlorobenzene	13.204	180	4388	1.349	ug/L	93	

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

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