

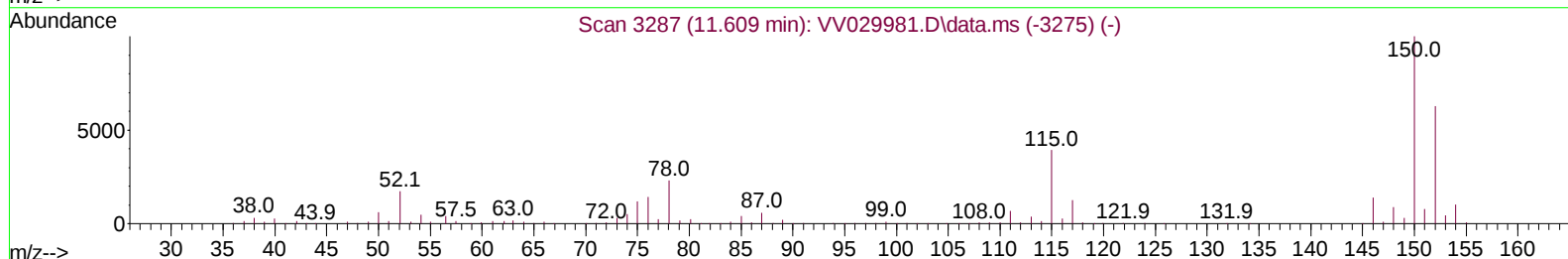
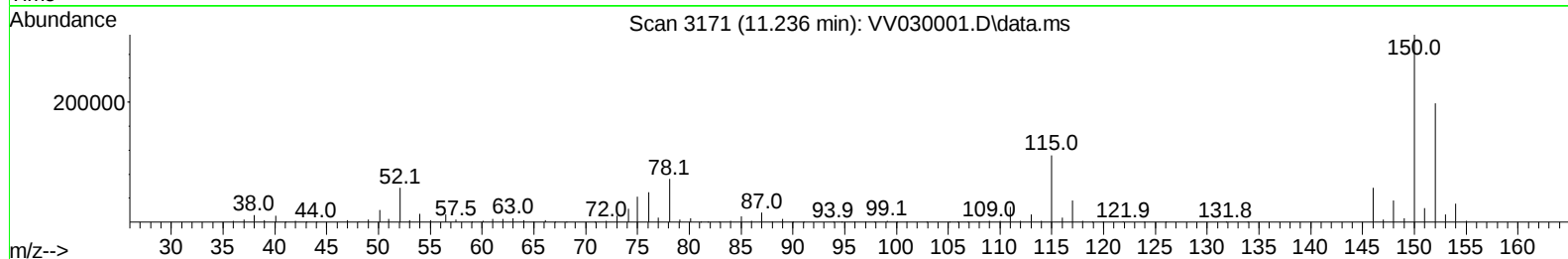
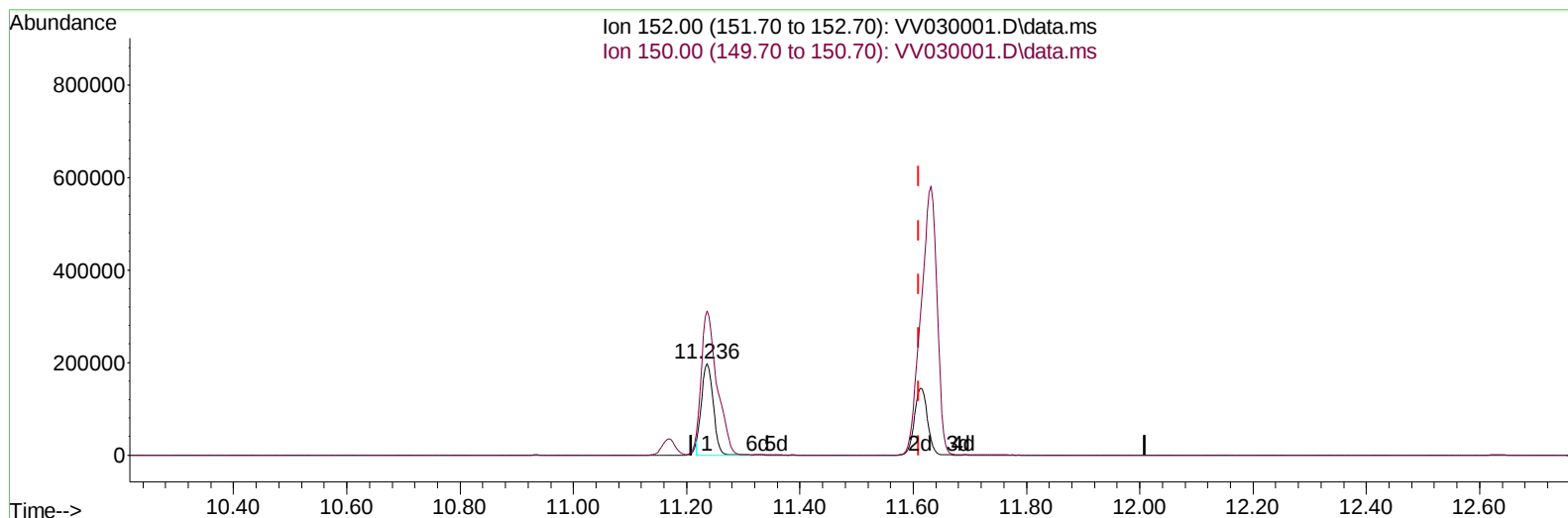
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV013023\
 Data File : VV030001.D
 Acq On : 30 Jan 2023 18:58
 Operator : SY/MD
 Sample : 01314-22MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A44L5MSD

Manual IntegrationsAPPROVED

Quant Time: Jan 31 02:21:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 31 02:16:13 2023
 Response via : Initial Calibration

Reviewed By :Krupa Patel 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023



TIC: VV030001.D\data.ms

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

11.236min (-0.373) 54.03 ug/L

response 284977

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	174.20	208.14
0.00	0.00	0.00
0.00	0.00	0.00

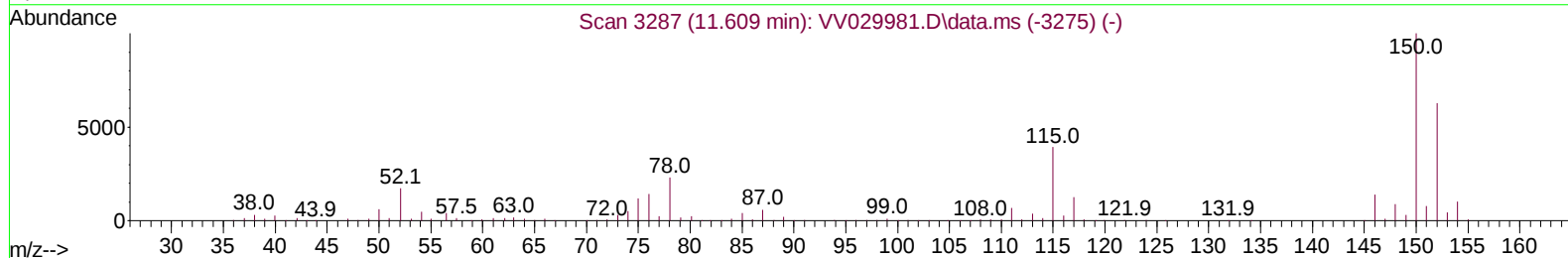
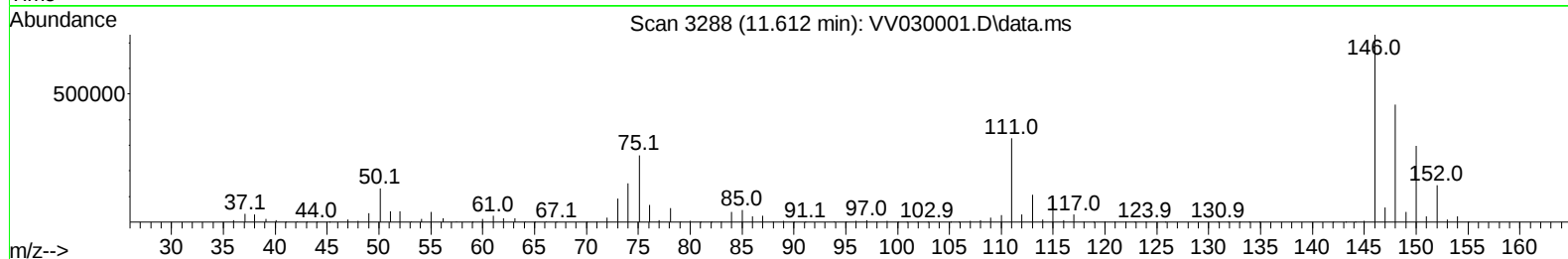
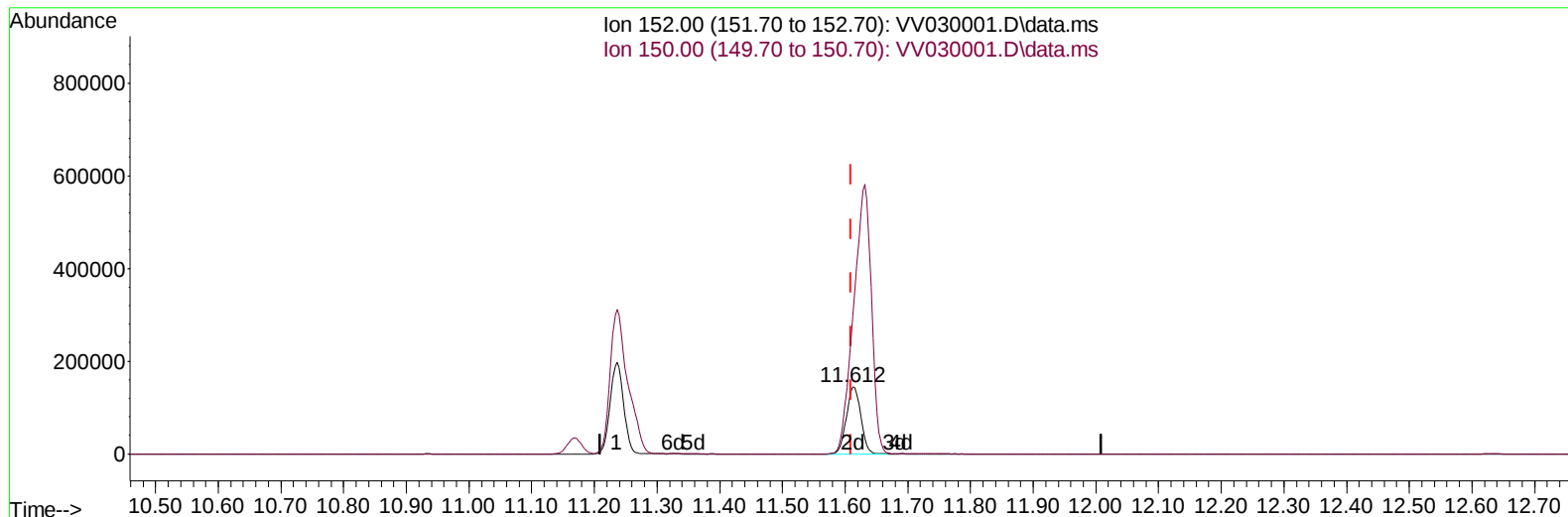
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TIC: VV030001.D\data.ms

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

11.612min (+ 0.003) 43.93 ug/L m

response 231672

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	174.20	256.03#
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	5.606	114	492599	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	478853	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	296007	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	140213	40.850	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	81.700%	
7) Chloroethane-d5	1.561	69	131896	45.679	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	91.360%	
11) 1,1-Dichloroethene-d2	2.105	63	291022	47.711	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	95.420%	
21) 2-Butanone-d5	3.863	46	213910	106.949	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	106.950%	
24) Chloroform-d	4.336	84	280228	43.911	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	87.820%	
26) 1,2-Dichloroethane-d4	5.021	65	160625	44.957	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	89.920%	
32) Benzene-d6	5.040	84	581093	45.358	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	90.720%	
36) 1,2-Dichloropropane-d6	6.059	67	191448	48.547	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	97.100%	
41) Toluene-d8	7.304	98	515764	43.930	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	87.860%	
43) trans-1,3-Dichloroprop...	7.609	79	87462	49.932	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	99.860%	
47) 2-Hexanone-d5	8.079	63	181596	107.098	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	107.100%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	286518	46.950	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	93.900%	
66) 1,2-Dichlorobenzene-d4	11.612	152	231672m	43.925	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	87.860%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	194105	55.043	ug/L	100
3) Chloromethane	1.240	50	278121	77.468	ug/L	99
5) Vinyl chloride	1.307	62	275563	66.696	ug/L	98
6) Bromomethane	1.513	94	79545	45.360	ug/L	99
8) Chloroethane	1.577	64	163575	61.944	ug/L	100
9) Trichlorofluoromethane	1.748	101	281853	50.578	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	173973	50.752	ug/L	95
12) 1,1-Dichloroethene	2.114	96	178368	53.933	ug/L	88
13) Acetone	2.153	43	175374	72.606	ug/L	98
14) Carbon disulfide	2.288	76	542646	64.284	ug/L	100
15) Methyl Acetate	2.420	43	189622	60.690	ug/L	94
16) Methylene chloride	2.500	84	212810	53.935	ug/L	93
17) trans-1,2-Dichloroethene	2.751	96	187997	54.206	ug/L	93
18) Methyl tert-butyl Ether	2.761	73	572871	52.830	ug/L	98
19) 1,1-Dichloroethane	3.179	63	352302	55.879	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	276766	71.289	ug/L	96
22) 2-Butanone	3.947	43	260954	104.446	ug/L	95
23) Bromochloromethane	4.233	128	103807	51.084	ug/L	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.362	83	336411	51.363	ug/L	99
27) 1,2-Dichloroethane	5.117	62	242389	53.599	ug/L	99
29) Cyclohexane	4.667	56	310130	61.736	ug/L	95
30) 1,1,1-Trichloroethane	4.596	97	281567	50.617	ug/L	97
31) Carbon tetrachloride	4.818	117	234448	49.695	ug/L	97
33) Benzene	5.088	78	819835	56.966	ug/L	100
34) Trichloroethene	5.902	95	831724	229.546	ug/L	96
35) Methylcyclohexane	6.121	83	335603	57.336	ug/L	98
37) 1,2-Dichloropropane	6.162	63	211764	56.632	ug/L	99
38) Bromodichloromethane	6.500	83	256603	52.826	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	314975	59.602	ug/L	98
40) 4-Methyl-2-pentanone	7.217	43	525069	126.904	ug/L	96
42) Toluene	7.378	91	842384	54.817	ug/L	99
44) trans-1,3-Dichloropropene	7.638	75	295752	59.824	ug/L	100
45) 1,1,2-Trichloroethane	7.828	97	197597	52.240	ug/L	98
46) Tetrachloroethene	7.966	164	151649	50.738	ug/L	99
48) 2-Hexanone	8.130	43	393013	115.818	ug/L	95
49) Dibromochloromethane	8.236	129	202021	51.313	ug/L	99
50) 1,2-Dibromoethane	8.339	107	203867	53.822	ug/L	99
51) Chlorobenzene	8.870	112	719369	68.121	ug/L	99
52) Ethylbenzene	9.001	91	888040	52.874	ug/L	99
53) m,p-Xylene	9.127	106	345602	51.821	ug/L	100
54) o-Xylene	9.532	106	337311	52.240	ug/L	100
55) Styrene	9.548	104	602090	51.704	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.230	83	341008	53.682	ug/L	99
59) Bromoform	9.718	173	149211	50.824	ug/L	99
60) Isopropylbenzene	9.921	105	879680	49.818	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	249674	51.793	ug/L	98
62) 1,3,5-Trimethylbenzene	10.526	105	753676	50.835	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	759717	51.412	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	551915	61.868	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	1439994	155.806	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	7338654	817.168	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.413	75	70199	54.496	ug/L	98
69) 1,3,5-Trichlorobenzene	12.632	180	331109	47.675	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	364635	59.483	ug/L	99
71) Naphthalene	13.487	128	922777	55.971	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	314221	52.598	ug/L	99

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

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