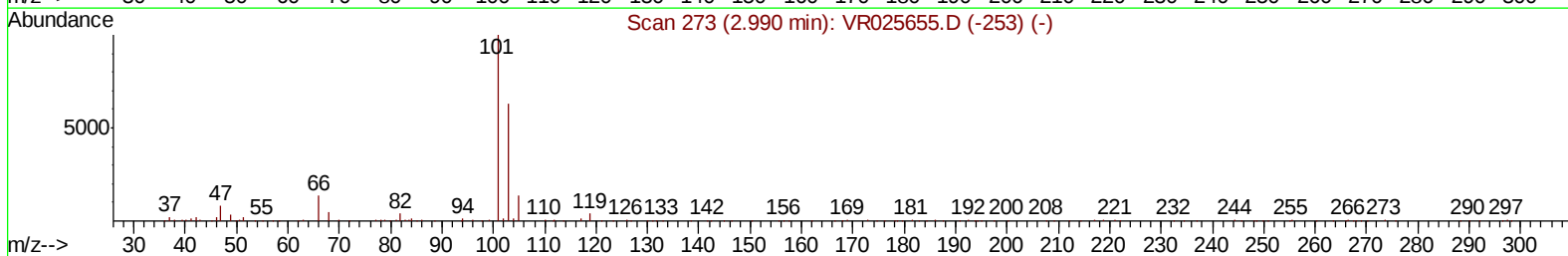
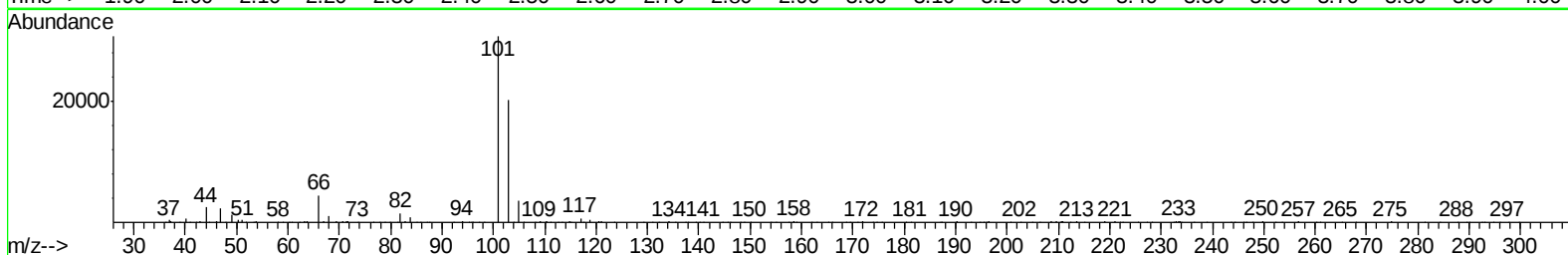
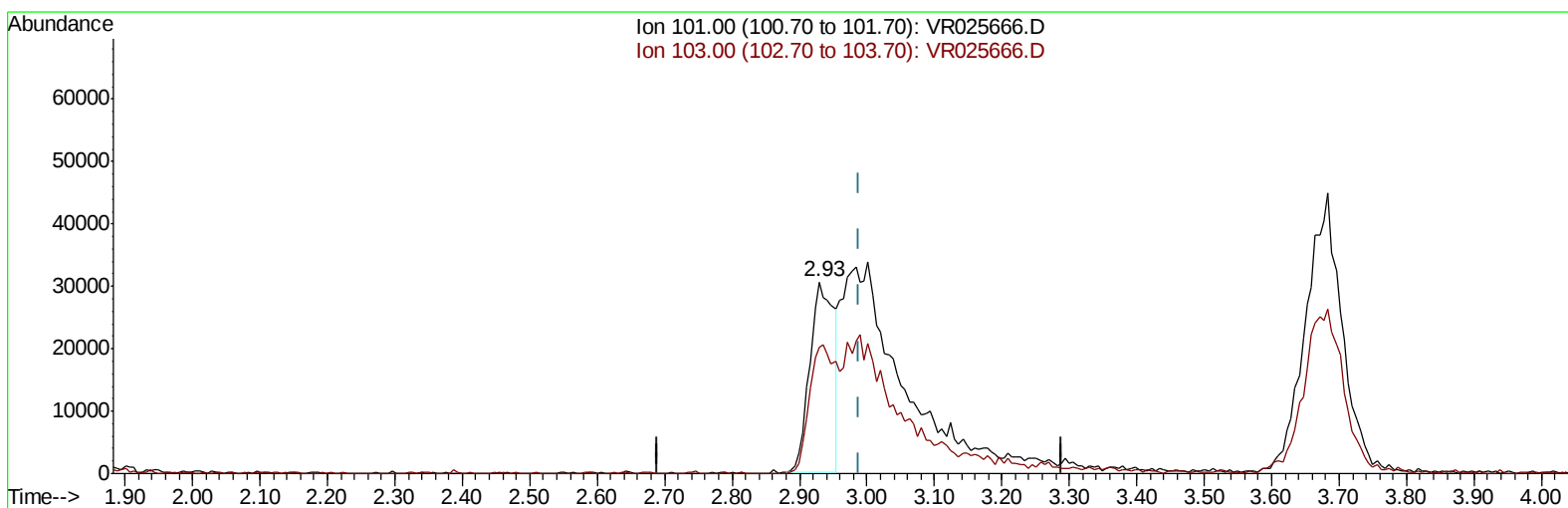


Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR090518\
 Data File : VR025666.D
 Acq On : 5 Sep 2018 12:04
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 06 02:11:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 30 06:43:05 2018
 Response via : Initial Calibration



TIC: VR025666.D

(9) Trichlorofluoromethane (T)

2.929min (-0.061) 1.45ug/L

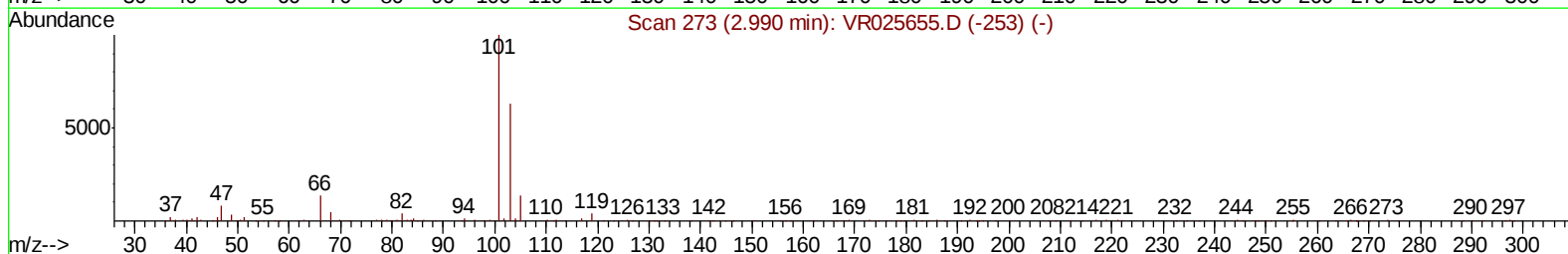
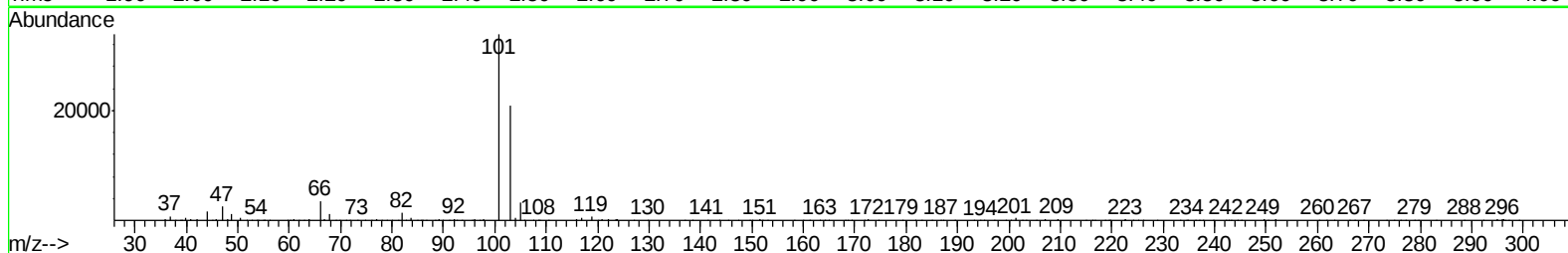
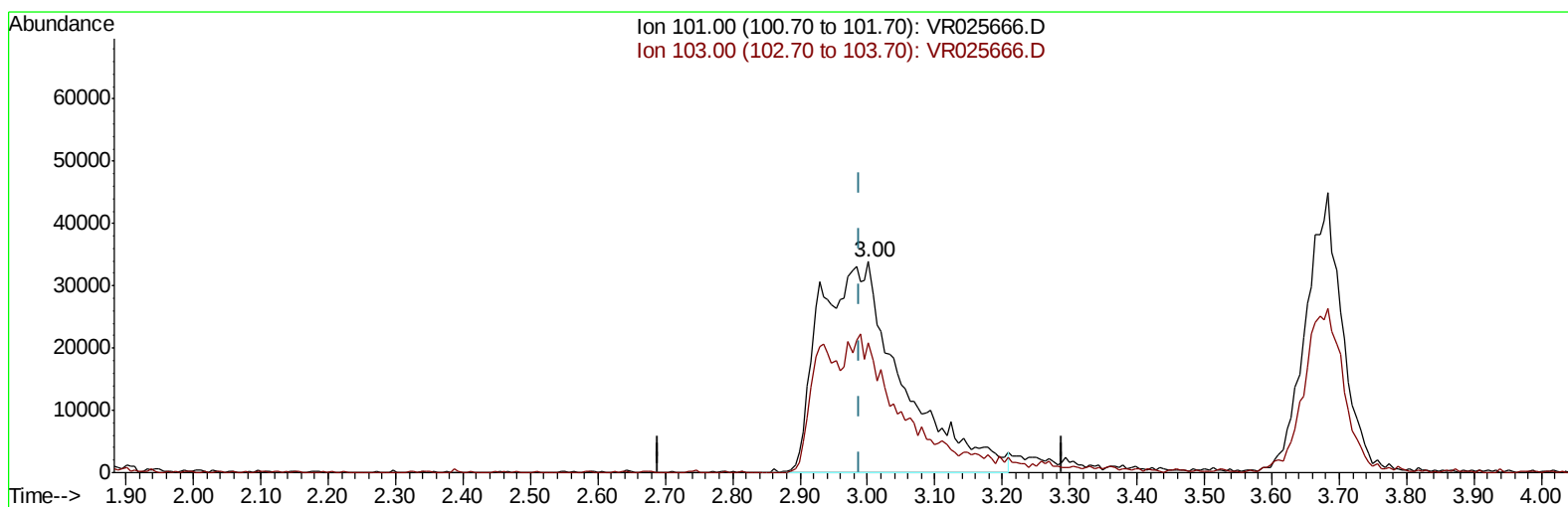
response 75836

Ion	Exp%	Act%
101.00	100	100
103.00	20.50	77.23#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR090518\
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TIC: VR025666.D

(9) Trichlorofluoromethane (T)

3.002min (+0.012) 5.49ug/L m

response 287801

Ion	Exp%	Act%
101.00	100	100
103.00	20.50	20.35
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR090518\
 Data File : VR025666.D
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 Sample : VSTDCCC005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 06 03:32:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 30 06:43:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	450017	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	395406	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	168568	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	130633	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	2.62	69	115311	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	3.63	63	326765	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	6.60	46	142285	63.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.50%
24) Chloroform-d	7.21	84	260423	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	7.89	65	95047	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	7.86	84	634195	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	8.90	67	171263	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	9.97	98	602809	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	10.24	79	37685	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	10.59	63	163783	64.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.72%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	81646	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	136001	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	113980	4.57 ug/L	93
3) Chloromethane	2.00	50	156593	4.24 ug/L	96
5) Vinyl chloride	2.16	62	159944	4.43 ug/L	99
6) Bromomethane	2.52	94	113561	4.62 ug/L	99
8) Chloroethane	2.66	64	96352	4.34 ug/L	87
9) Trichlorofluoromethane	3.00	101	287801m	5.49 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	168683	5.28 ug/L	96
12) 1,1-Dichloroethene	3.65	96	156444	4.43 ug/L #	72
13) Acetone	3.70	43	94139	67.70 ug/L	99
14) Carbon disulfide	3.96	76	348160	3.78 ug/L	97
15) Methyl Acetate	4.20	43	29446	5.60 ug/L	99
16) Methylene chloride	4.41	84	141175	4.45 ug/L	84
17) Methyl tert-butyl Ether	4.89	73	184897	5.10 ug/L	96
18) trans-1,2-Dichloroethene	4.88	96	175309	4.70 ug/L	99
19) 1,1-Dichloroethane	5.68	63	263374	4.57 ug/L	94
21) 2-Butanone	6.69	43	169593	61.89 ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	158377	4.94 ug/L	89

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 MSVOA_R
 ClientSampleId :

Quant Time: Sep 06 03:32:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 30 06:43:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	50745	5.16	ug/L	95
25) Chloroform	7.23	83	246054	4.91	ug/L	97
27) 1,2-Dichloroethane	8.00	62	102810	5.49	ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	182582	4.75	ug/L	99
30) Cyclohexane	7.52	56	243937	4.93	ug/L	98
31) Carbon tetrachloride	7.64	117	181978	5.39	ug/L	97
33) Benzene	7.91	78	700948	4.85	ug/L	100
34) Trichloroethene	8.71	95	148630	4.49	ug/L	93
35) Methylcyclohexane	8.96	83	293918	5.46	ug/L	99
37) 1,2-Dichloropropane	8.99	63	160684	5.07	ug/L #	98
38) Bromodichloromethane	9.28	83	143038	5.17	ug/L #	97
39) cis-1,3-Dichloropropene	9.72	75	165903	5.11	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	456228	59.42	ug/L	100
42) Toluene	10.03	91	757485	5.35	ug/L	100
44) trans-1,3-Dichloropropene	10.27	75	117002	5.10	ug/L	97
45) 1,1,2-Trichloroethane	10.44	97	71938	5.14	ug/L	89
47) Tetrachloroethene	10.52	164	128753	5.09	ug/L	94
48) 2-Hexanone	10.64	43	314783	58.81	ug/L	99
49) Dibromochloromethane	10.79	129	80353	5.33	ug/L	89
50) 1,2-Dibromoethane	10.89	107	58771	5.30	ug/L	86
51) Chlorobenzene	11.31	112	451796	5.12	ug/L	98
52) Ethylbenzene	11.39	91	830804	5.49	ug/L	96
53) m,p-Xylene	11.50	106	333648	5.51	ug/L	99
54) o-Xylene	11.83	106	299518	5.55	ug/L	97
55) Styrene	11.85	104	482868	5.54	ug/L	100
56) Isopropylbenzene	12.13	105	788213	5.76	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.38	83	73762	5.10	ug/L	94
59) 1,2,3-Trichloropropane	12.44	75	47290	4.81	ug/L	92
61) Bromoform	12.01	173	31596	4.66	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	249650	4.79	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	289306	5.00	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	224486	5.00	ug/L	92
66) 1,2-Dibromo-3-chloropropan	14.15	75	6262	5.16	ug/L #	89
67) 1,3,5-Trichlorobenzene	14.29	180	165544	5.62	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	96007	5.25	ug/L	96
69) Naphthalene	15.00	128	107664	4.77	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	78771	5.54	ug/L	93

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

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