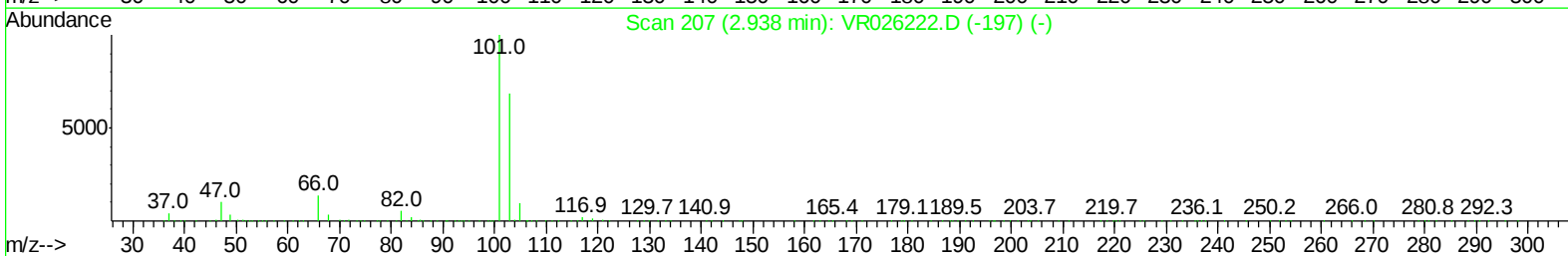
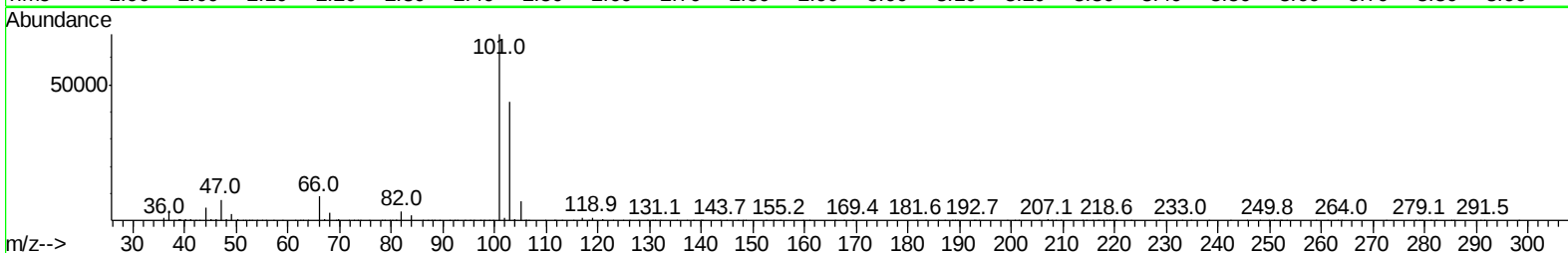
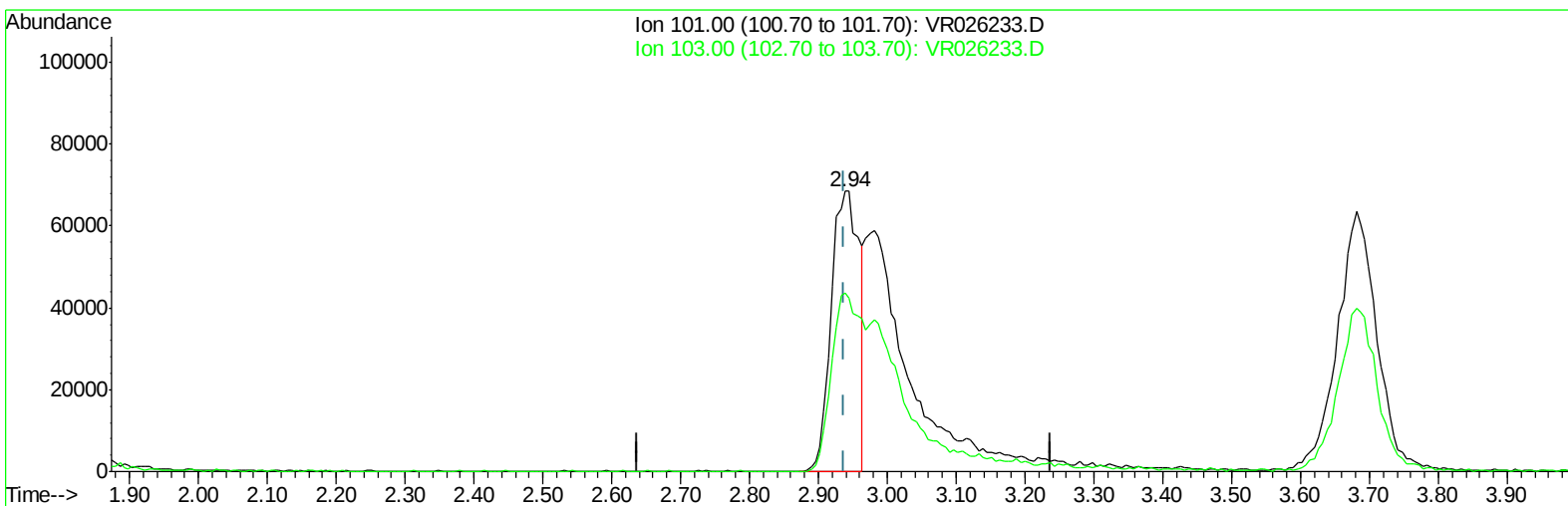


Data File : VR026233.D
Acq On : 20 Nov 2018 16:19
Operator : SY/MD
Sample : VSTD00590
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 20 16:59:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 16:29:16 2018
Response via : Initial Calibration



TIC: VR026233.D

(9) Trichlorofluoromethane (T)

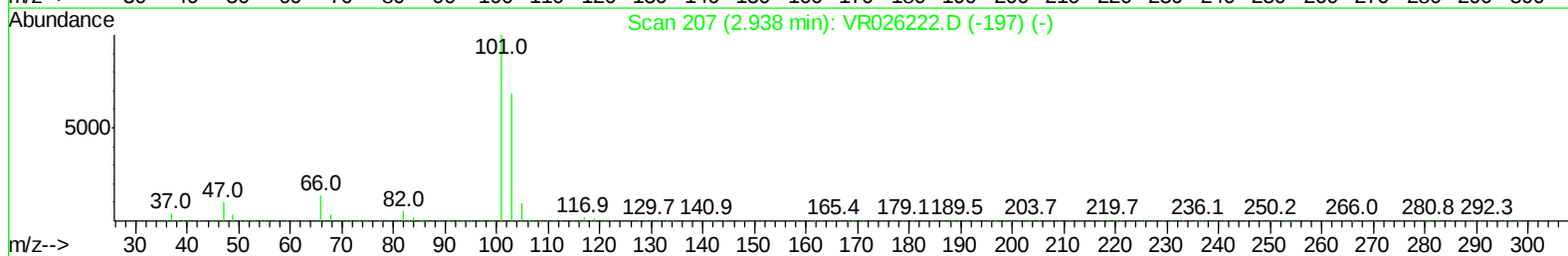
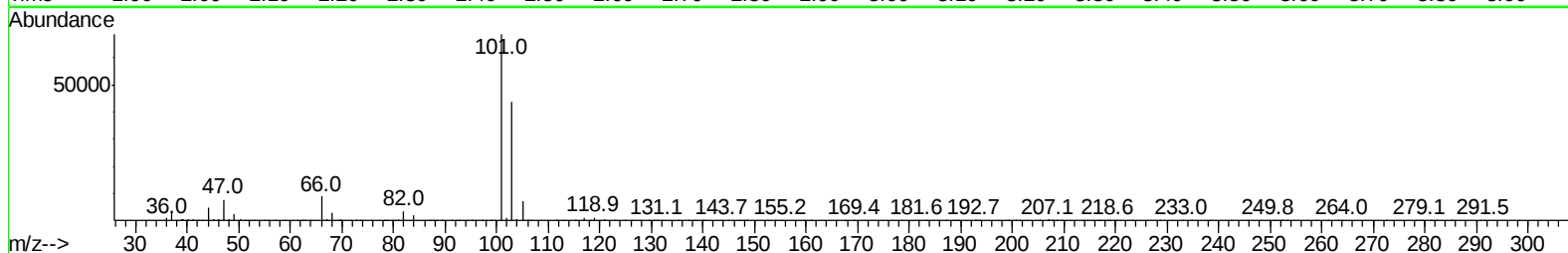
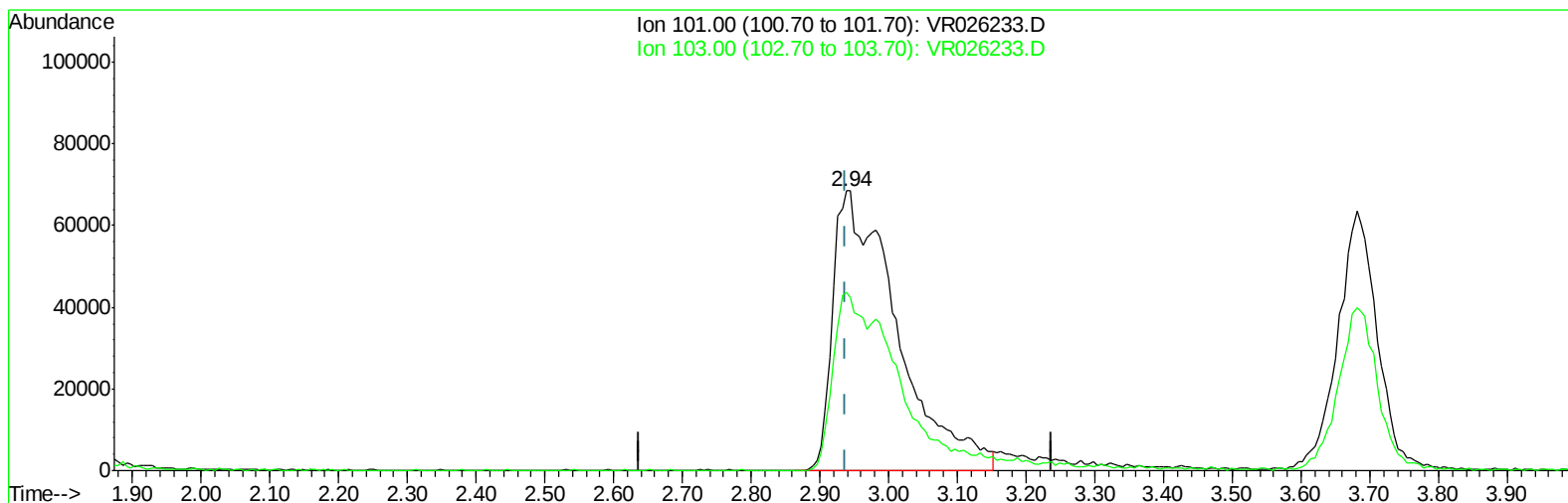
2.938min (+0.000) 2.01ug/L

response 194401

Ion	Exp%	Act%
101.00	100	100
103.00	32.30	70.65#
0.00	0.00	0.00
0.00	0.00	0.00

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TIC: VR026233.D

(9) Trichlorofluoromethane (T)

2.938min (+0.000) 4.61ug/L m

response 445598

Ion	Exp%	Act%
101.00	100	100
103.00	32.30	30.82
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Time: Nov 20 17:01:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 16:29:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	670196	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	566359	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	239184	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	243520	4.92	ug/L	0.00
7) Chloroethane-d5	2.63	69	216480	4.69	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	618771	4.74	ug/L	0.00
20) 2-Butanone-d5	6.59	46	223756	52.04	ug/L	0.00
24) Chloroform-d	7.20	84	475616	5.42	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	184295	5.28	ug/L	0.00
32) Benzene-d6	7.85	84	950405	5.86	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	232382	5.39	ug/L	0.00
41) Toluene-d8	9.97	98	894323	5.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	66005	6.11	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	166782	53.00	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	97110	5.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	189333	5.45	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	233279	5.486 ug/L	99
3) Chloromethane	2.01	50	282665	3.876 ug/L	95
5) Vinyl chloride	2.17	62	280643	3.903 ug/L	97
6) Bromomethane	2.52	94	184581	3.857 ug/L	98
8) Chloroethane	2.66	64	172403	3.794 ug/L	97
9) Trichlorofluoromethane	2.94	101	445598m	4.611 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	252466	4.548 ug/L	100
12) 1,1-Dichloroethene	3.63	96	269811	4.119 ug/L #	83
13) Acetone	3.70	43	162816	35.827 ug/L	97
14) Carbon disulfide	3.93	76	694396	3.895 ug/L	100
15) Methyl Acetate	4.20	43	45516	3.852 ug/L	96
16) Methylene chloride	4.41	84	225690	4.088 ug/L	100
17) Methyl tert-butyl Ether	4.89	73	278956	5.034 ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	249559	4.939 ug/L	100
19) 1,1-Dichloroethane	5.69	63	443550	4.793 ug/L	99
21) 2-Butanone	6.69	43	243054	46.307 ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	223495	5.001 ug/L #	97
23) Bromochloromethane	7.05	128	64304	4.712 ug/L	84
25) Chloroform	7.23	83	441150	4.883 ug/L	99
27) 1,2-Dichloroethane	7.99	62	192727	4.596 ug/L #	96
29) 1,1,1-Trichloroethane	7.43	97	379819	5.009 ug/L	98
30) Cyclohexane	7.52	56	375581	5.655 ug/L	95
31) Carbon tetrachloride	7.64	117	352752	5.241 ug/L	97
33) Benzene	7.91	78	994665	4.866 ug/L	100
34) Trichloroethene	8.71	95	260130	4.995 ug/L	98
35) Methylcyclohexane	8.96	83	385835	5.697 ug/L	99
37) 1,2-Dichloropropane	9.00	63	199116	4.644 ug/L #	98
38) Bromodichloromethane	9.28	83	229428	4.796 ug/L	96
39) cis-1,3-Dichloropropene	9.72	75	250171	5.162 ug/L	96
40) 4-Methyl-2-pentanone	9.87	43	615140	50.773 ug/L	99

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.04	91	1110250	5.213	ug/L	96
44) trans-1,3-Dichloropropene	10.26	75	166585	5.152	ug/L	96
45) 1,1,2-Trichloroethane	10.45	97	88160	4.763	ug/L	96
47) Tetrachloroethene	10.51	164	189297	5.321	ug/L	96
48) 2-Hexanone	10.63	43	418917	51.273	ug/L	98
49) Dibromochloromethane	10.79	129	107633	4.910	ug/L	97
50) 1,2-Dibromoethane	10.89	107	76921	4.902	ug/L	91
51) Chlorobenzene	11.32	112	582525	4.924	ug/L	99
52) Ethylbenzene	11.39	91	1247822	5.166	ug/L	100
53) m,p-Xylene	11.50	106	463270	5.284	ug/L	94
54) o-Xylene	11.83	106	425388	5.316	ug/L	100
55) Styrene	11.84	104	648951	5.217	ug/L	97
56) Isopropylbenzene	12.13	105	1214185	5.619	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	89549	5.009	ug/L	93
59) 1,2,3-Trichloropropane	12.43	75	64240	4.772	ug/L	97
61) Bromoform	12.02	173	40810	4.316	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	359110	4.961	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	371671	4.669	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	294657	4.851	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.15	75	9236	4.099	ug/L #	63
67) 1,3,5-Trichlorobenzene	14.29	180	232030	5.146	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	134739	5.353	ug/L	98
69) Naphthalene	15.00	128	134038	5.047	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	98332	5.582	ug/L	97

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

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