

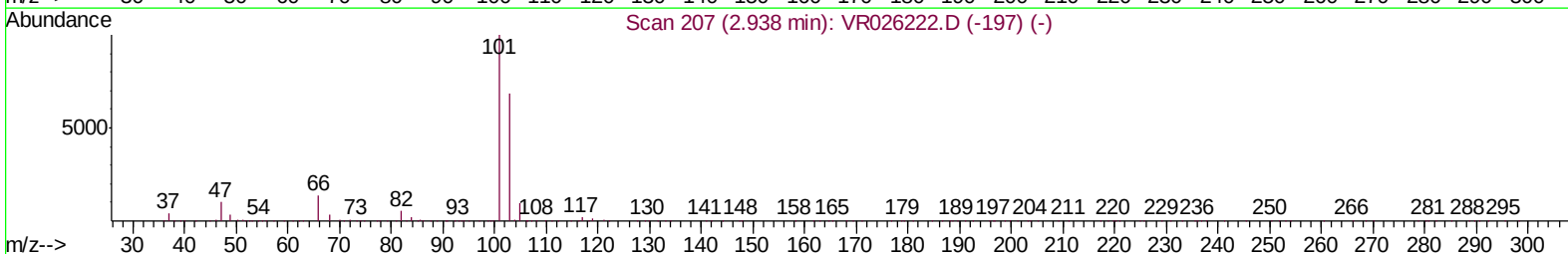
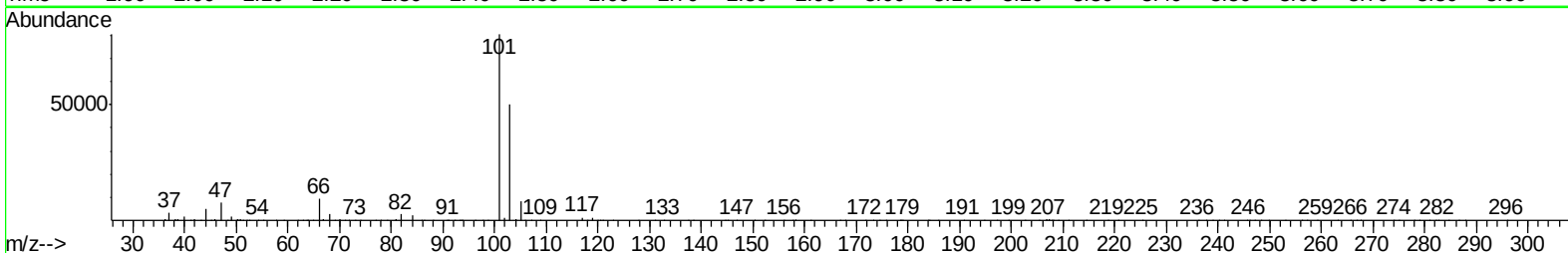
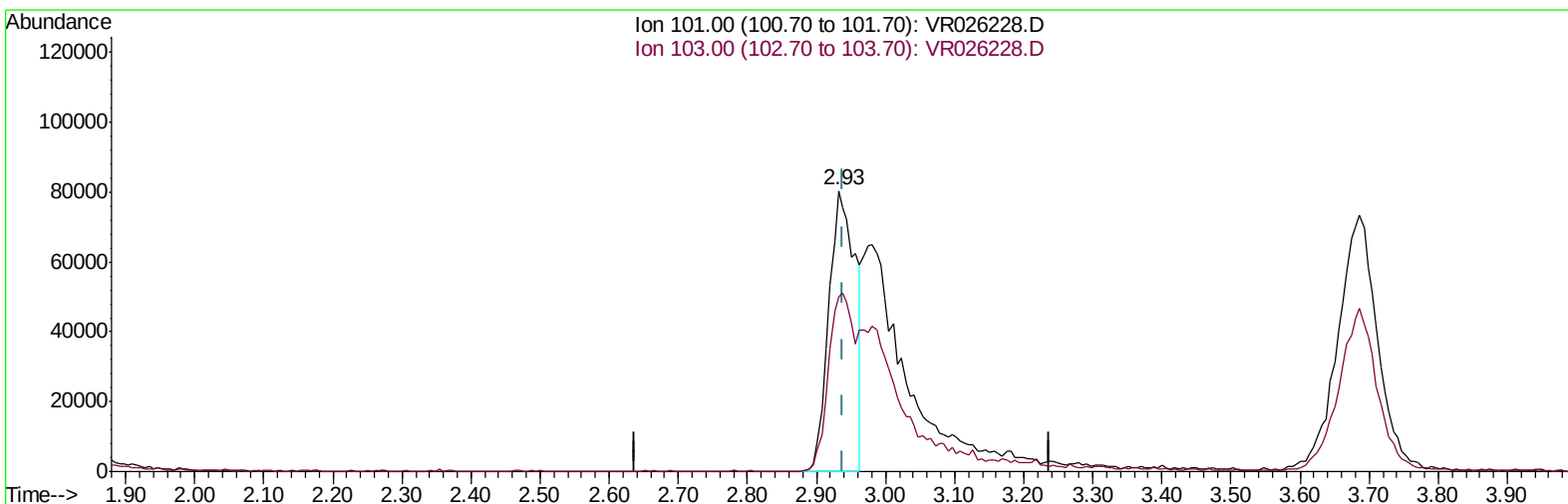
Data File : VR026228.D
Acq On : 19 Nov 2018 21:08
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_R
LabSampleId :
VSTD00587

Manual Integrations
APPROVED

MMDadoda
11/26/2018 10:16:09 AM

Quant Time: Nov 20 04:19:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR110918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 04:16:20 2018
Response via : Initial Calibration



TIC: VR026228.D

(9) Trichlorofluoromethane (T)

2.932min (-0.006) 1.43ug/L

response 217272

Ion	Exp%	Act%
101.00	100	100
103.00	32.30	59.06#
0.00	0.00	0.00
0.00	0.00	0.00

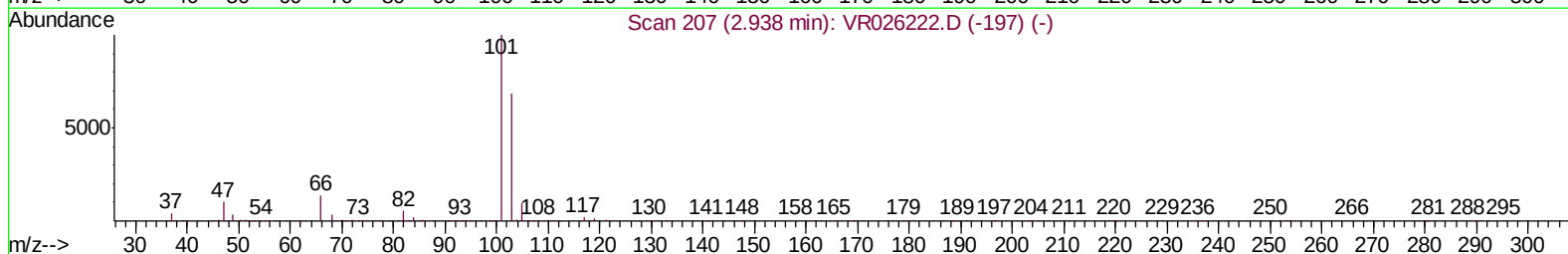
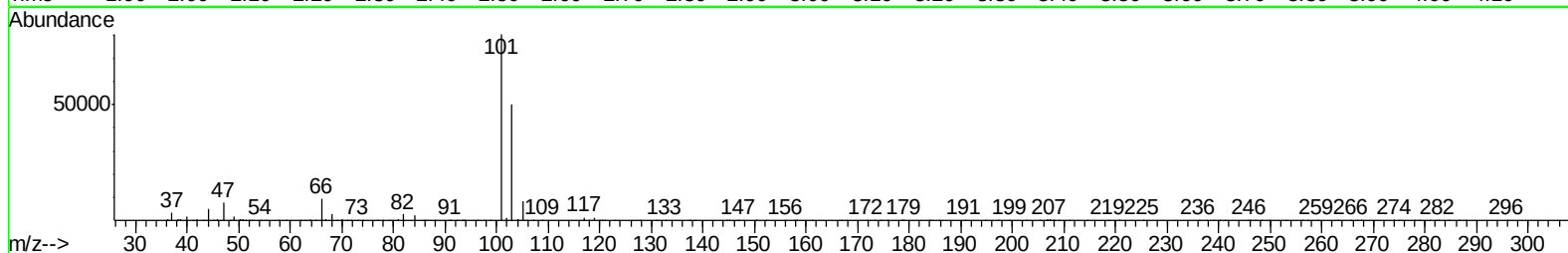
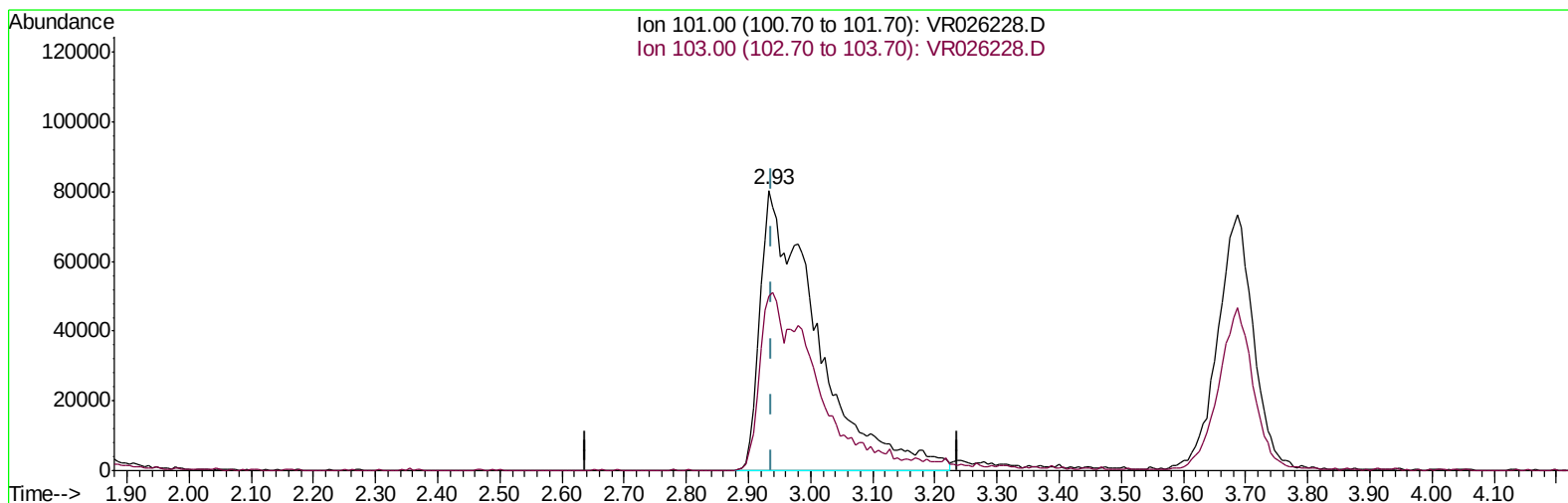
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TIC: VR026228.D

(9) Trichlorofluoromethane (T)

2.932min (-0.006) 3.38ug/L m

response 513776

Ion	Exp%	Act%
101.00	100	100
103.00	32.30	24.97#
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	1053860	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	823270	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	342411	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	322749	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	2.63	69	277470	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	3.61	63	767517	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	6.59	46	323951	47.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.84%
24) Chloroform-d	7.20	84	636778	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	7.90	65	255705	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	7.85	84	1265373	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	8.90	67	315639	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	9.97	98	1161302	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloropropene-	10.24	79	89125	5.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.60%
46) 2-Hexanone-d5	10.59	63	231405	50.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.18%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	122806	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	258247	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	309488	4.629 ug/L	98
3) Chloromethane	2.01	50	375736	3.277 ug/L	98
5) Vinyl chloride	2.17	62	364783	3.226 ug/L	99
6) Bromomethane	2.52	94	231607	3.078 ug/L	94
8) Chloroethane	2.66	64	231561	3.241 ug/L	93
9) Trichlorofluoromethane	2.93	101	513776m	3.381 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	288917	3.310 ug/L	99
12) 1,1-Dichloroethene	3.63	96	335489	3.257 ug/L #	84
13) Acetone	3.70	43	188561	26.387 ug/L	97
14) Carbon disulfide	3.94	76	881804	3.145 ug/L	98
15) Methyl Acetate	4.19	43	59571	3.206 ug/L	96
16) Methylene chloride	4.40	84	293426	3.380 ug/L	95
17) Methyl tert-butyl Ether	4.90	73	429639	4.931 ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	329426	4.146 ug/L	94
19) 1,1-Dichloroethane	5.69	63	610766	4.197 ug/L	95
21) 2-Butanone	6.69	43	331811	40.203 ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	315491	4.489 ug/L #	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	92351	4.304	ug/L	83
25) Chloroform	7.23	83	610649	4.298	ug/L	100
27) 1,2-Dichloroethane	7.99	62	279893	4.244	ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	534871	4.853	ug/L	96
30) Cyclohexane	7.52	56	510897	5.292	ug/L	97
31) Carbon tetrachloride	7.64	117	463869	4.741	ug/L	99
33) Benzene	7.91	78	1311046	4.412	ug/L	100
34) Trichloroethene	8.71	95	353575	4.671	ug/L	96
35) Methylcyclohexane	8.96	83	497540	5.054	ug/L	98
37) 1,2-Dichloropropane	9.00	63	268847	4.313	ug/L	99
38) Bromodichloromethane	9.28	83	310653	4.467	ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	351263	4.986	ug/L	99
40) 4-Methyl-2-pentanone	9.87	43	852447	48.403	ug/L	97
42) Toluene	10.04	91	1957357	6.323	ug/L	100
44) trans-1,3-Dichloropropene	10.26	75	228901	4.870	ug/L	96
45) 1,1,2-Trichloroethane	10.45	97	120937	4.495	ug/L	96
47) Tetrachloroethene	10.51	164	258279	4.994	ug/L	97
48) 2-Hexanone	10.63	43	561550	47.282	ug/L	99
49) Dibromochloromethane	10.79	129	141893	4.453	ug/L	96
50) 1,2-Dibromoethane	10.89	107	106264	4.659	ug/L	94
51) Chlorobenzene	11.32	112	756371	4.398	ug/L	98
52) Ethylbenzene	11.39	91	1615861	4.602	ug/L	99
53) m,p-Xylene	11.50	106	597975	4.692	ug/L	95
54) o-Xylene	11.83	106	551800	4.744	ug/L	95
55) Styrene	11.84	104	820111	4.536	ug/L	99
56) Isopropylbenzene	12.13	105	1546264	4.923	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	111642	4.296	ug/L	94
59) 1,2,3-Trichloropropane	12.43	75	86235	4.407	ug/L	98
61) Bromoform	12.01	173	52673	3.891	ug/L	97
62) 1,3-Dichlorobenzene	13.16	146	506971	4.892	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	494365	4.338	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	388960	4.473	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.15	75	11651	3.612	ug/L #	64
67) 1,3,5-Trichlorobenzene	14.29	180	331419	5.134	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	200743	5.571	ug/L	98
69) Naphthalene	15.00	128	221715	5.832	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	140181	5.558	ug/L	99

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

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