

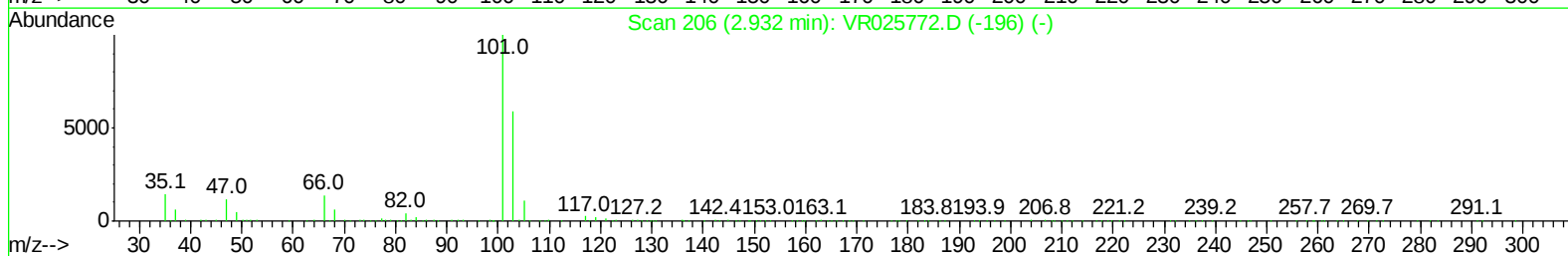
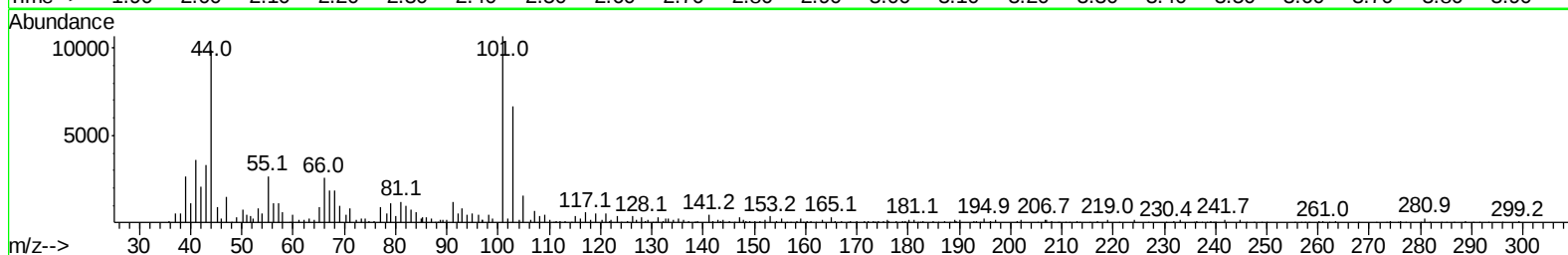
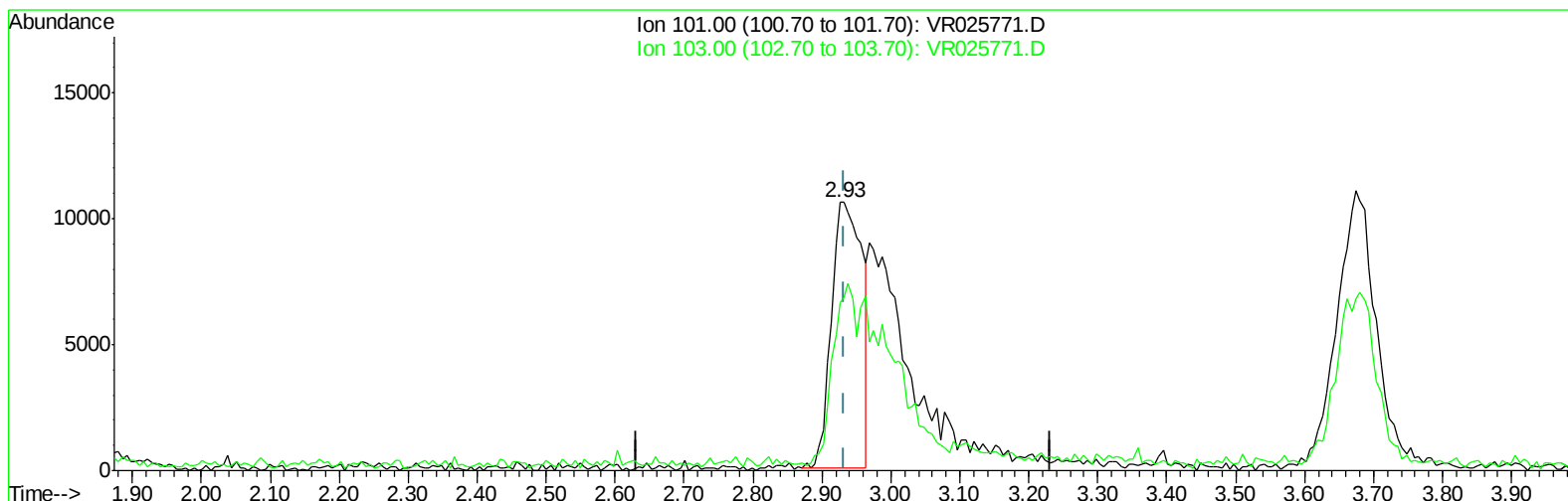
Data File : VR025771.D
Acq On : 20 Sep 2018 11:28
Operator : SY/MD
Sample : VSTD00110
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00110

Manual Integrations
APPROVED

MMDadoda
9/24/2018 5:09:16 PM

Quant Time: Sep 20 12:35:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 20 12:33:47 2018
Response via : Initial Calibration



TIC: VR025771.D

(9) Trichlorofluoromethane (T)

2.926min (-0.006) 0.49ug/L

response 32351

Ion	Exp%	Act%
101.00	100	100
103.00	25.20	51.15#
0.00	0.00	0.00
0.00	0.00	0.00

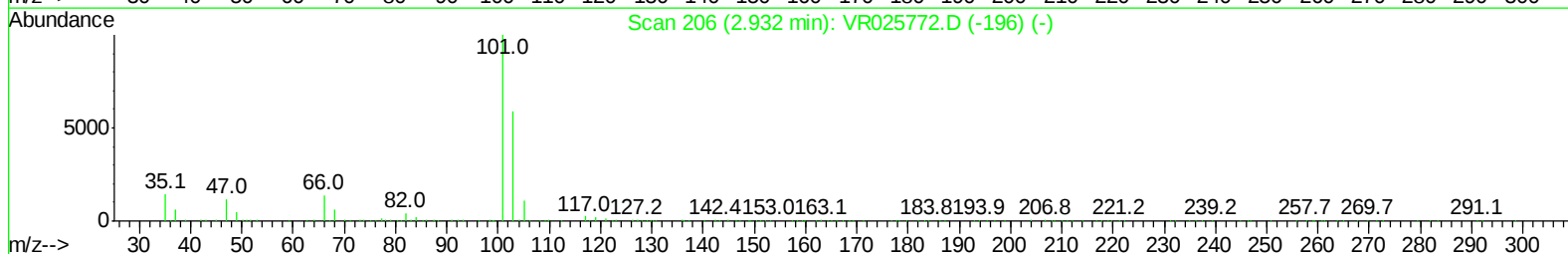
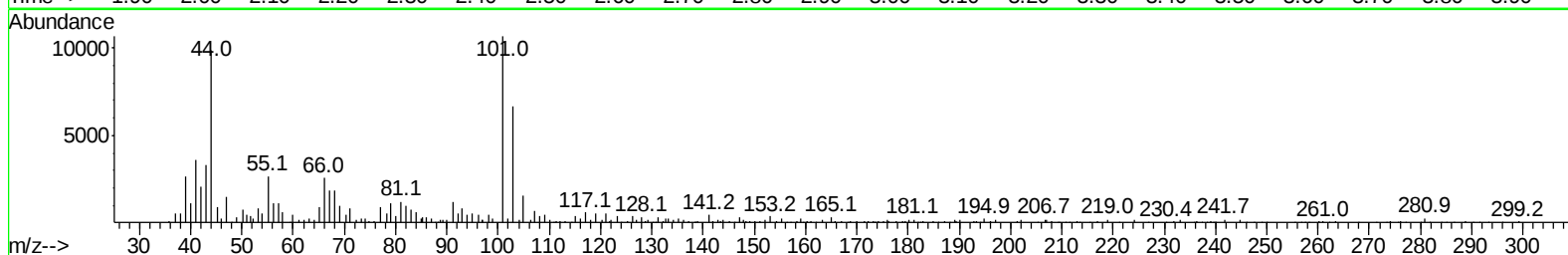
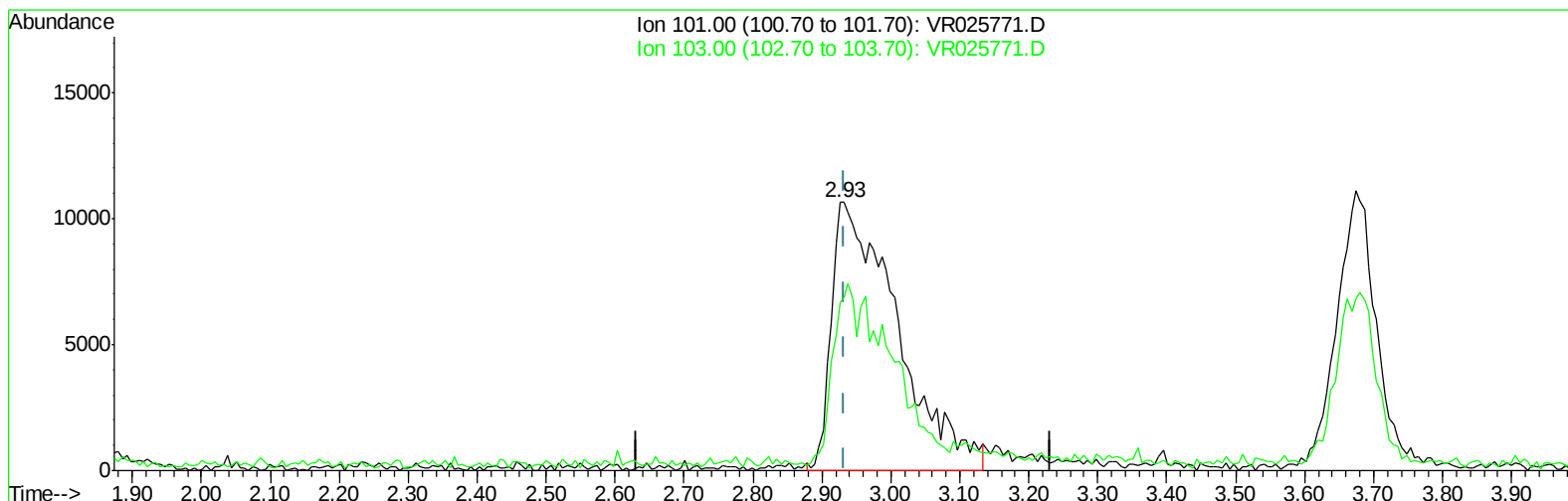
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TIC: VR025771.D

(9) Trichlorofluoromethane (T)

2.926min (-0.006) 1.07ug/L m

response 70611

Ion	Exp%	Act%
101.00	100	100
103.00	25.20	23.44
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	577032	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	468171	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	175442	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	27514	1.10	ug/L	0.00
7) Chloroethane-d5	2.62	69	23346	1.14	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	71184	1.04	ug/L	0.00
20) 2-Butanone-d5	6.59	46	43645	17.23	ug/L	0.00
24) Chloroform-d	7.20	84	73731	1.28	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	30034	1.54	ug/L	0.00
32) Benzene-d6	7.85	84	124857	0.99	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	37312	1.09	ug/L	0.00
41) Toluene-d8	9.97	98	101566	0.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.23	79	13453	1.60	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	44549	17.70	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	17839	1.20	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	23939	0.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	70167	2.385 ug/L	99
3) Chloromethane	2.00	50	64045	1.773 ug/L	96
5) Vinyl chloride	2.16	62	60396	1.682 ug/L	94
6) Bromomethane	2.52	94	32499	1.265 ug/L	94
8) Chloroethane	2.65	64	35683	1.693 ug/L	85
9) Trichlorofluoromethane	2.93	101	70611m	1.067 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	44260	1.241 ug/L	98
12) 1,1-Dichloroethene	3.63	96	45276	1.203 ug/L	86
13) Acetone	3.69	43	24680	14.461 ug/L	90
14) Carbon disulfide	3.94	76	156578	1.763 ug/L	95
15) Methyl Acetate	4.19	43	8633	1.419 ug/L #	88
16) Methylene chloride	4.40	84	41491	1.245 ug/L	86
17) Methyl tert-butyl Ether	4.89	73	88177	1.904 ug/L	97
18) trans-1,2-Dichloroethene	4.88	96	59678	1.297 ug/L	95
19) 1,1-Dichloroethane	5.69	63	116324	1.640 ug/L	96
21) 2-Butanone	6.69	43	60050	16.673 ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	56670	1.416 ug/L #	95
23) Bromochloromethane	7.05	128	16035	1.168 ug/L #	80
25) Chloroform	7.23	83	104561	1.613 ug/L	96
27) 1,2-Dichloroethane	7.99	62	52836	2.066 ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	101254	2.171 ug/L	99
30) Cyclohexane	7.52	56	114362	2.041 ug/L	98
31) Carbon tetrachloride	7.63	117	87651	1.939 ug/L	98
33) Benzene	7.91	78	232393	1.393 ug/L	100
34) Trichloroethene	8.71	95	64068	1.585 ug/L	94
35) Methylcyclohexane	8.95	83	108804	1.744 ug/L	98
37) 1,2-Dichloropropane	9.00	63	53003	1.410 ug/L	99
38) Bromodichloromethane	9.28	83	63851	1.891 ug/L	93
39) cis-1,3-Dichloropropene	9.72	75	71302	1.854 ug/L	96
40) 4-Methyl-2-pentanone	9.87	43	179262	19.286 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.03	91	235823	1.381	ug/L	100
44) trans-1,3-Dichloropropene	10.26	75	51498	1.904	ug/L	97
45) 1,1,2-Trichloroethane	10.45	97	22278	1.265	ug/L	92
47) Tetrachloroethene	10.51	164	37875	1.144	ug/L	94
48) 2-Hexanone	10.63	43	121032	18.567	ug/L	98
49) Dibromochloromethane	10.79	129	26537	1.414	ug/L	96
50) 1,2-Dibromoethane	10.89	107	19754	1.412	ug/L #	97
51) Chlorobenzene	11.32	112	131301	1.223	ug/L	98
52) Ethylbenzene	11.39	91	286525	1.558	ug/L	98
53) m,p-Xylene	11.50	106	98540	1.331	ug/L	95
54) o-Xylene	11.83	106	96557	1.481	ug/L	96
55) Styrene	11.84	104	149756	1.426	ug/L	98
56) Isopropylbenzene	12.13	105	266345	1.639	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	23781	1.386	ug/L #	94
59) 1,2,3-Trichloropropane	12.43	75	19264	1.670	ug/L	98
61) Bromoform	12.01	173	10596	1.412	ug/L	91
62) 1,3-Dichlorobenzene	13.16	146	81354	1.484	ug/L	93
63) 1,4-Dichlorobenzene	13.24	146	79008	1.268	ug/L	95
65) 1,2-Dichlorobenzene	13.53	146	61309	1.297	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.14	75	3461	2.489	ug/L #	77
67) 1,3,5-Trichlorobenzene	14.29	180	46481	1.427	ug/L	99
68) 1,2,4-trichlorobenzene	14.78	180	29764	1.489	ug/L	96
69) Naphthalene	15.00	128	46587	2.084	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	22533	1.424	ug/L	98

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

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