

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR110818\
Quantitation Report (Qedit)

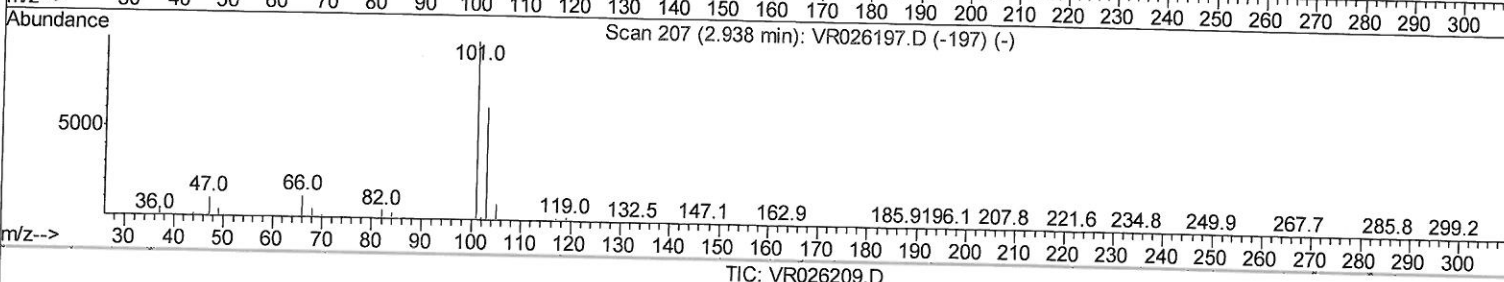
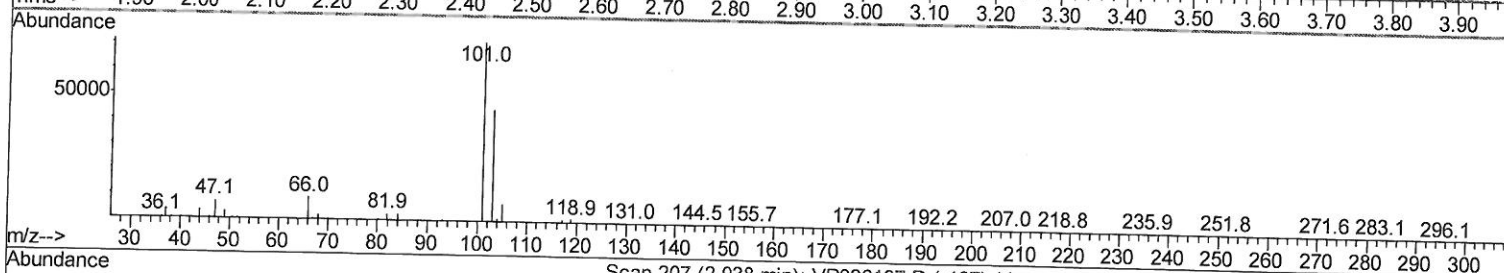
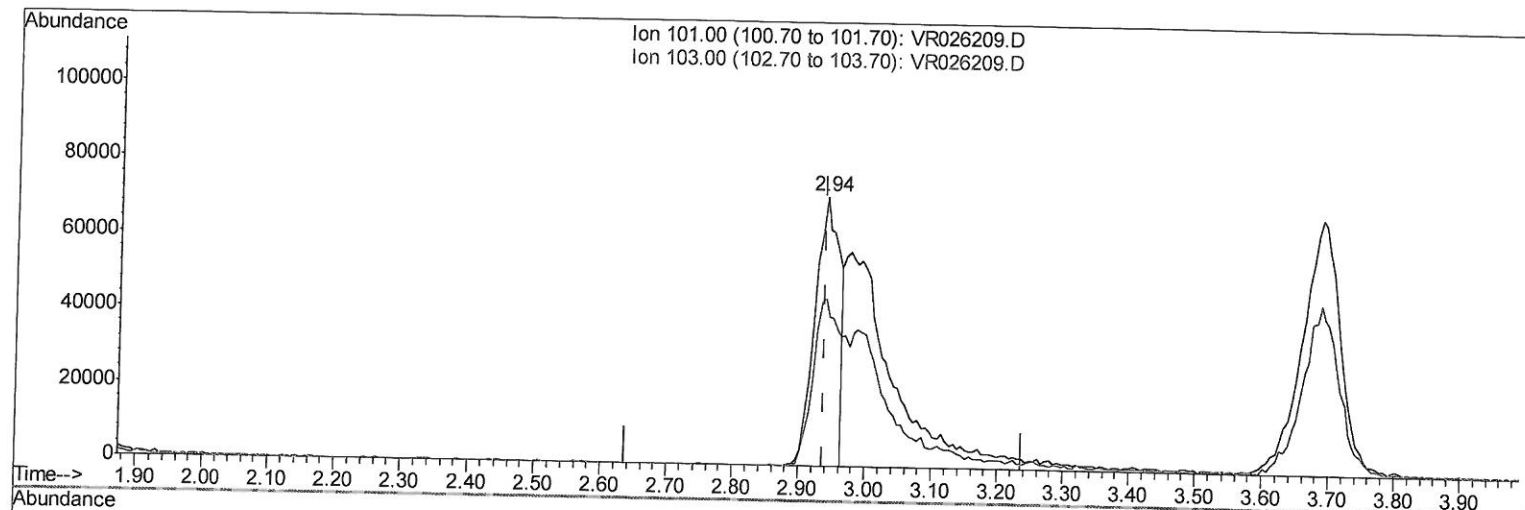
Data File : VR026209.D
Acq On : 8 Nov 2018 11:01
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_R
LabSampleId :
VSTD00589

Manual Integrations
APPROVED

MMDadoda
11/12/2018 2:14:19 PM

Quant Time: Nov 08 14:18:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 15:50:53 2018
Response via : Initial Calibration



(9) Trichlorofluoromethane (T)

2.938min (0.000) 1.93ug/L

response 183190

Ion	Exp%	Act%
101.00	100	100
103.00	32.50	78.26#
0.00	0.00	0.00
0.00	0.00	0.00

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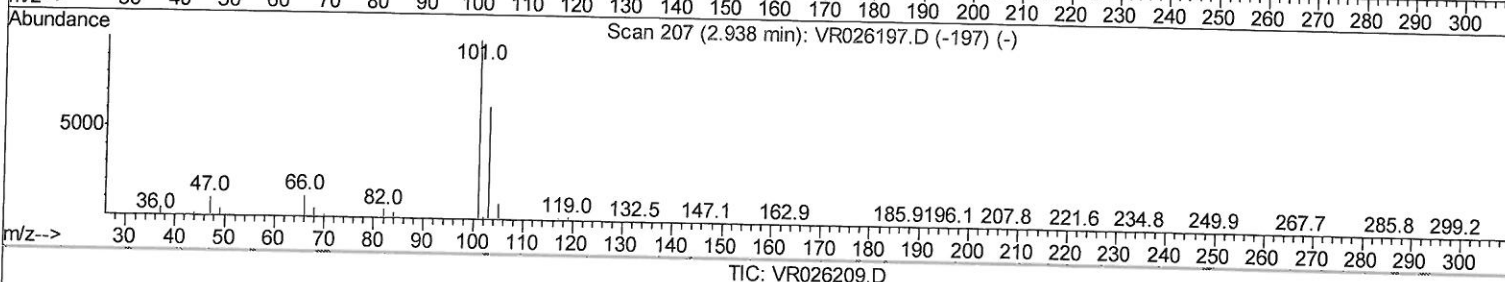
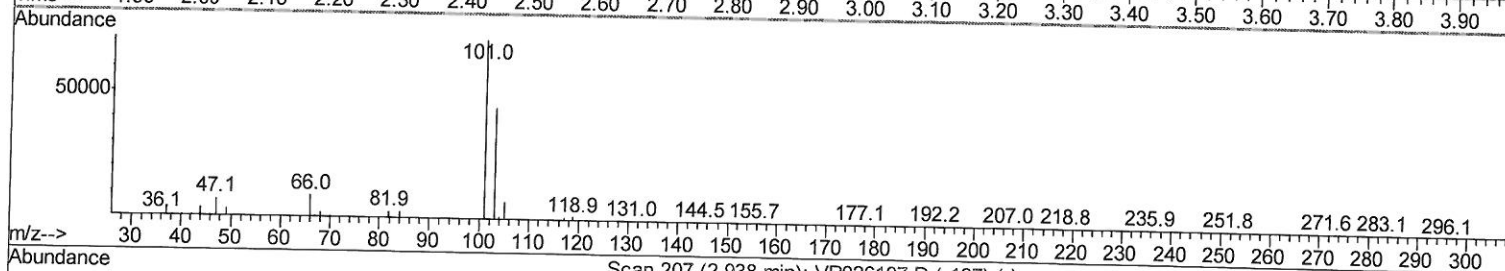
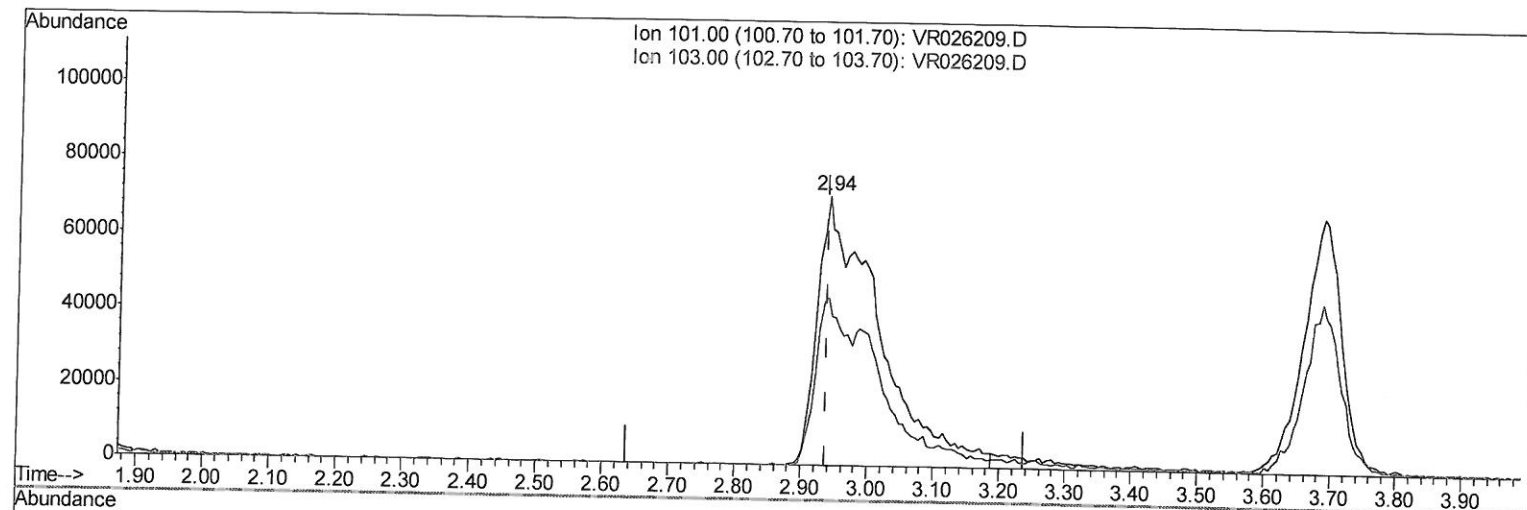
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(9) Trichlorofluoromethane (T)

2.938min (0.000) 4.90ug/L m

response 463740

Ion	Exp%	Act%
101.00	100	100
103.00	32.50	30.91
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	617193	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	509817	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	197200	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	265949	4.92	ug/L	0.01
Spiked Amount 5.000	Range 40 - 130		Recovery =	98.40%		
7) Chloroethane-d5	2.63	69	235700	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	101.60%		
11) 1,1-Dichloroethene-d2	3.61	63	644152	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	97.20%		
20) 2-Butanone-d5	6.59	46	199370	44.96	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	89.92%		
24) Chloroform-d	7.20	84	420673	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.00%		
26) 1,2-Dichloroethane-d4	7.90	65	166825	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.40%		
32) Benzene-d6	7.85	84	852727	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	104.20%		
36) 1,2-Dichloropropane-d6	8.90	67	210462	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	99.40%		
41) Toluene-d8	9.97	98	823506	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	106.40%		
43) trans-1,3-Dichloropropene-	10.24	79	52846	4.77	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	95.40%		
46) 2-Hexanone-d5	10.59	63	158426	49.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	98.90%		
57) 1,1,2,2-Tetrachloroethane-	12.36	84	81586	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	98.20%		
64) 1,2-Dichlorobenzene-d4	13.52	152	150266	4.82	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	96.40%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	186111	4.489	ug/L 97
3) Chloromethane	2.02	50	284868	4.327	ug/L 95
5) Vinyl chloride	2.17	62	289511	4.414	ug/L 97
6) Bromomethane	2.53	94	193678	4.471	ug/L 94
8) Chloroethane	2.66	64	182706	4.496	ug/L 96
9) Trichlorofluoromethane	2.94	101	463740m	4.898	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	271054	4.802	ug/L 99
12) 1,1-Dichloroethene	3.63	96	281141	4.684	ug/L 94
13) Acetone	3.70	43	207581	45.281	ug/L 98
14) Carbon disulfide	3.94	76	739136	4.711	ug/L 100
15) Methyl Acetate	4.20	43	48639	4.062	ug/L 95
16) Methylene chloride	4.41	84	219646	4.036	ug/L 96
17) Methyl tert-butyl Ether	4.90	73	223693	4.105	ug/L 98
18) trans-1,2-Dichloroethene	4.88	96	213526	4.704	ug/L 98
19) 1,1-Dichloroethane	5.69	63	403548	4.736	ug/L 97
21) 2-Butanone	6.69	43	232837	44.026	ug/L 99
22) cis-1,2-Dichloroethene	6.68	96	202616	4.719	ug/L # 100

11/12/18 sy

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.04	128	55376	4.598	ug/L	88
25) Chloroform	7.23	83	397668	4.782	ug/L	98
27) 1,2-Dichloroethane	7.99	62	177611	4.363	ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	362252	5.200	ug/L	99
30) Cyclohexane	7.51	56	365156	5.222	ug/L	100
31) Carbon tetrachloride	7.63	117	324593	5.124	ug/L	99
33) Benzene	7.91	78	939374	4.911	ug/L	100
34) Trichloroethene	8.71	95	236977	4.840	ug/L	99
35) Methylcyclohexane	8.95	83	371581	5.098	ug/L	97
37) 1,2-Dichloropropane	9.00	63	192617	4.772	ug/L #	98
38) Bromodichloromethane	9.28	83	212607	4.898	ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	229002	4.958	ug/L	99
40) 4-Methyl-2-pentanone	9.87	43	560079	45.440	ug/L	99
42) Toluene	10.04	91	1014965	5.027	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	156342	4.844	ug/L	93
45) 1,1,2-Trichloroethane	10.45	97	79612	4.677	ug/L	93
47) Tetrachloroethene	10.51	164	170035	4.863	ug/L	97
48) 2-Hexanone	10.63	43	376117	46.721	ug/L	99
49) Dibromochloromethane	10.79	129	95004	4.959	ug/L	98
50) 1,2-Dibromoethane	10.89	107	68125	4.632	ug/L #	95
51) Chlorobenzene	11.32	112	538135	4.815	ug/L	98
52) Ethylbenzene	11.39	91	1201448	5.175	ug/L	99
53) m,p-Xylene	11.50	106	429745	5.080	ug/L	100
54) o-Xylene	11.83	106	390137	5.031	ug/L	99
55) Styrene	11.84	104	600086	5.027	ug/L	100
56) Isopropylbenzene	12.13	105	1157243	5.373	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	75555	4.367	ug/L	99
59) 1,2,3-Trichloropropane	12.43	75	55967	4.406	ug/L	97
61) Bromoform	12.01	173	33317	4.861	ug/L	98
62) 1,3-Dichlorobenzene	13.16	146	314941	4.807	ug/L	96
63) 1,4-Dichlorobenzene	13.24	146	319632	4.711	ug/L	95
65) 1,2-Dichlorobenzene	13.53	146	247127	4.700	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.14	75	7829	3.655	ug/L	90
67) 1,3,5-Trichlorobenzene	14.29	180	192534	4.823	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	104746	4.496	ug/L	99
69) Naphthalene	15.00	128	103486	4.574	ug/L	97
70) 1,2,3-Trichlorobenzene	15.18	180	75420	4.661	ug/L	96

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

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