

(QT Reviewed)

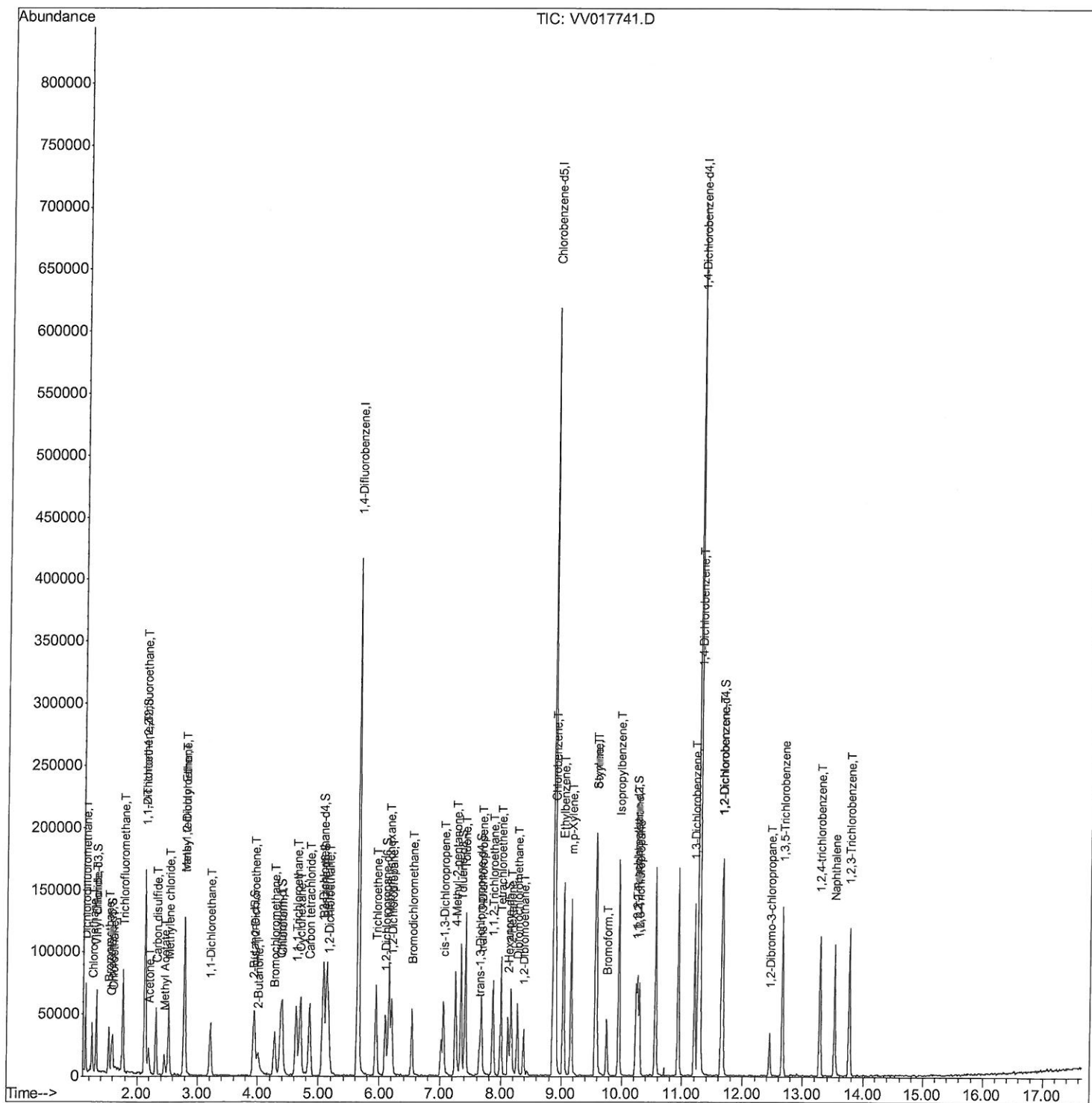
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\
Data File : VV017741.D
Acq On : 30 Jul 2020 10:27
Operator : SY/MD
Sample : VSTD01062
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD01062

Manual Integrations
APPROVED

MMDadoda
7/31/2020 3:57:04 PM

Quant Time: Jul 31 02:07:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 31 01:58:34 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

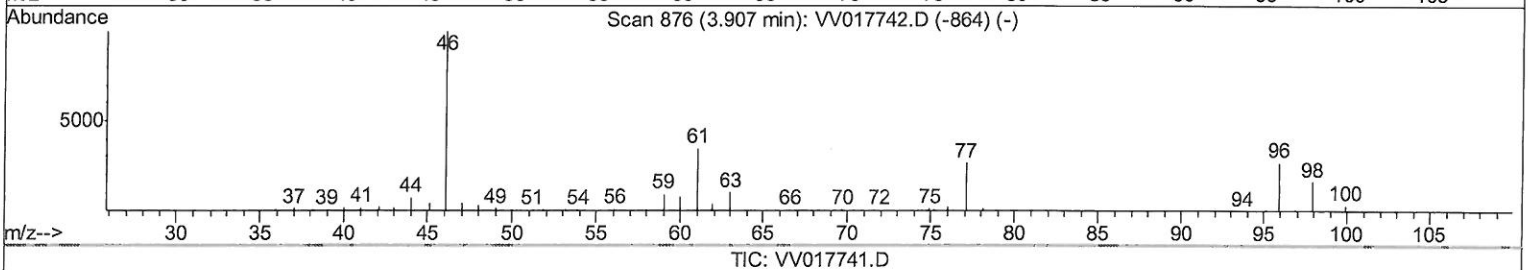
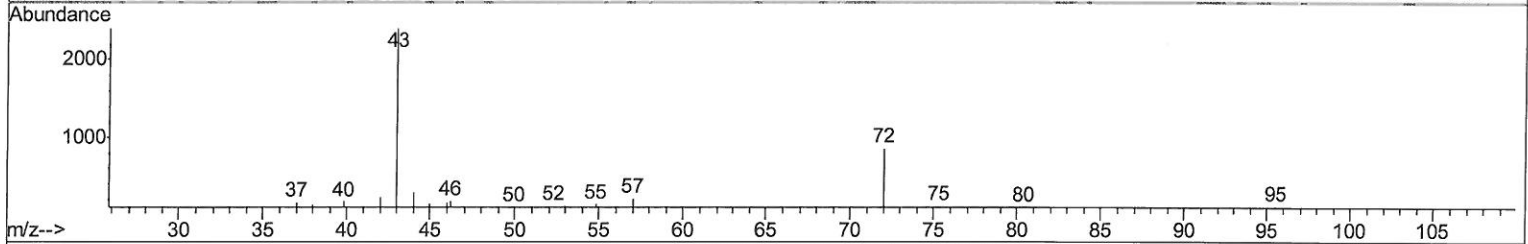
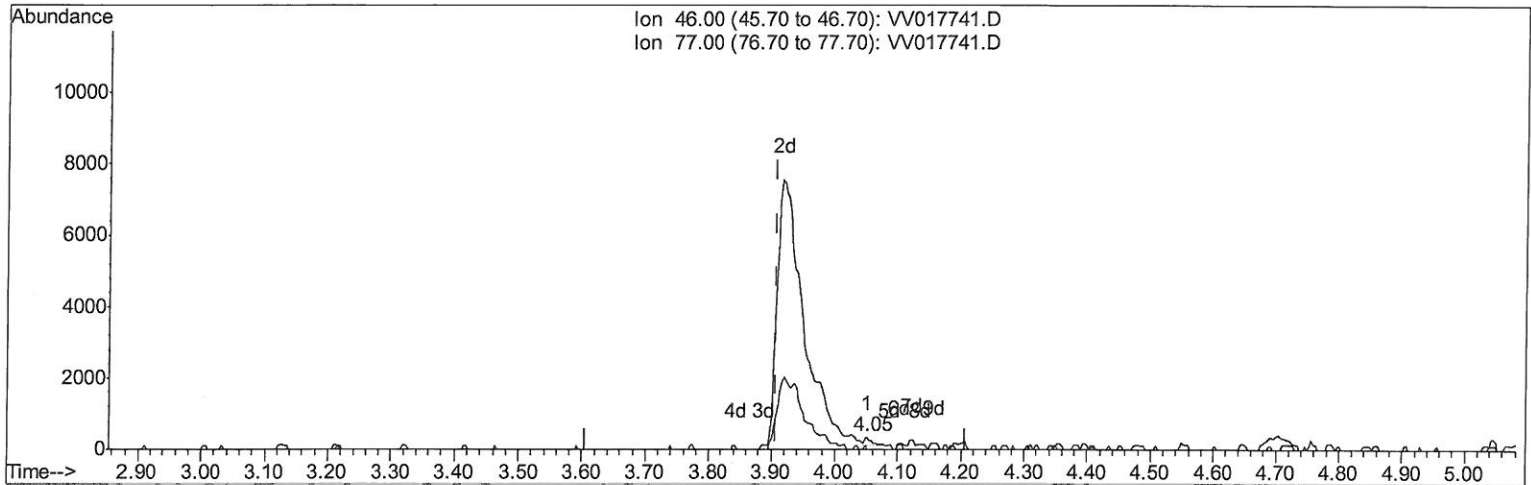
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(21) 2-Butanone-d5 (S)
 4.052min (+0.145) 0.11ug/L
 response 170

Ion	Exp%	Act%
46.00	100	100
77.00	25.80	24.12
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

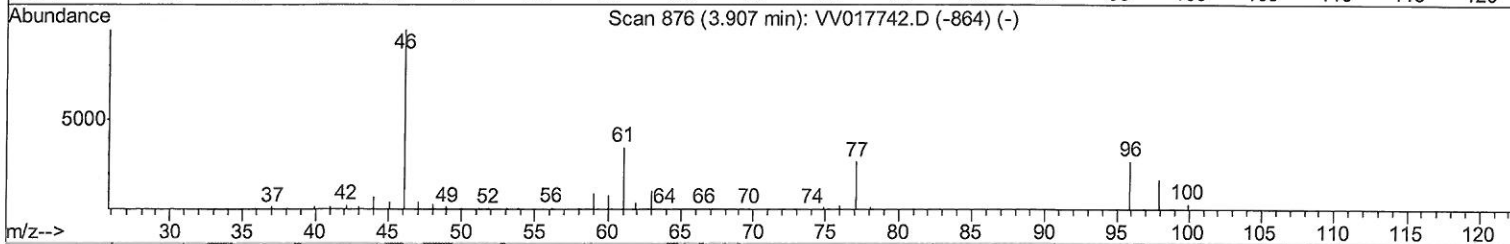
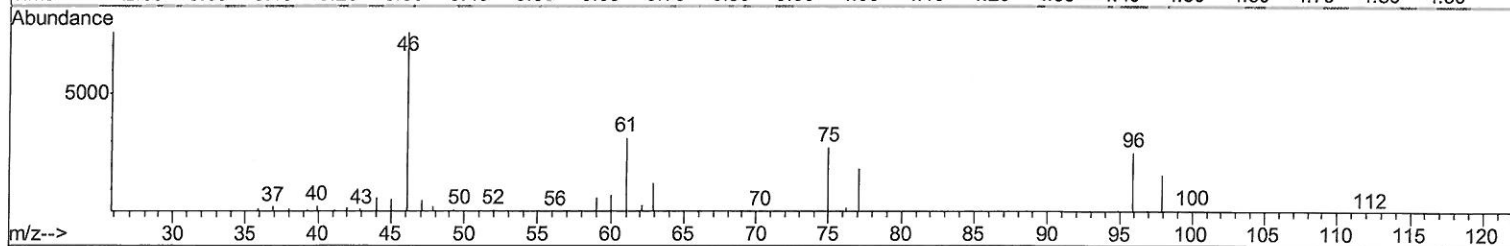
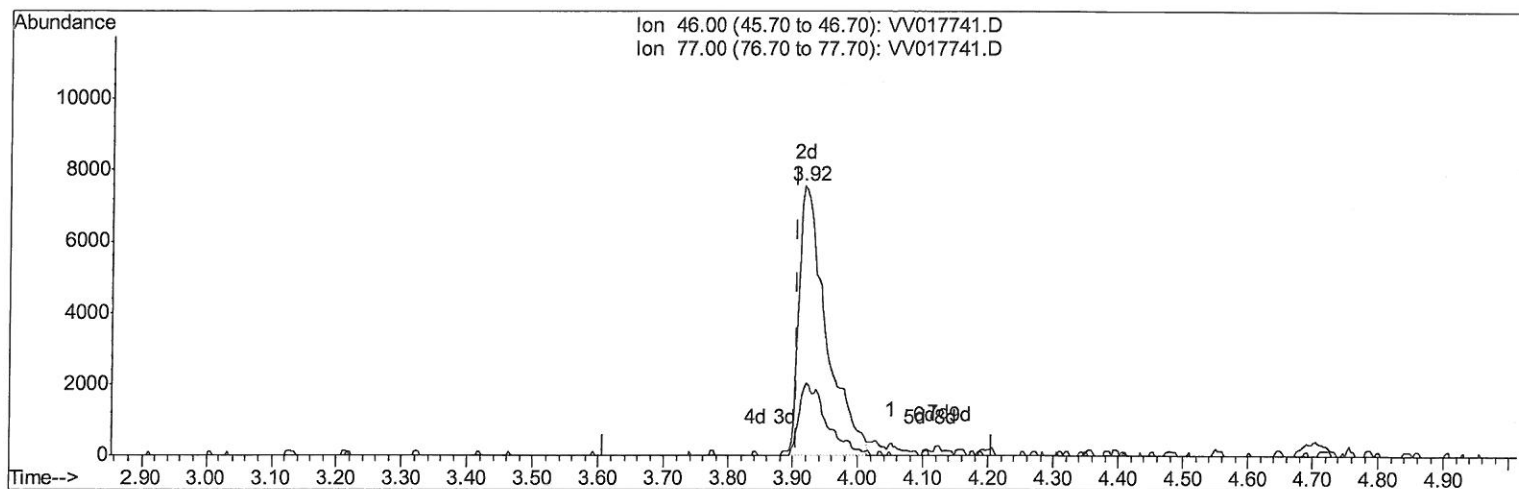
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TIC: VV017741.D

(21) 2-Butanone-d5 (S)

3.917min (+0.010) 14.58ug/L m

response 22112

Ion	Exp%	Act%
46.00	100	100
77.00	25.80	0.19#
0.00	0.00	0.00
0.00	0.00	0.00

MD
7/31/20

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	339181	50.00	uq/L	0.00
28) Chlorobenzene-d5	8.87	117	323348	50.00	uq/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	173931	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	15944	8.05	uq/L	0.00
7) Chloroethane-d5	1.58	69	13319	9.33	uq/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	37530	9.08	uq/L	0.00
21) 2-Butanone-d5	3.92	46	22112m	14.58	uq/L	0.00
24) Chloroform-d	4.38	84	41854	8.85	uq/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	31406	9.56	uq/L	0.00
32) Benzene-d6	5.08	84	71522	8.42	uq/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	19615	7.80	uq/L	0.00
41) Toluene-d8	7.34	98	68039	8.43	uq/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	11894	8.01	uq/L	0.00
47) 2-Hexanone-d5	8.11	63	14676	13.01	uq/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29912	8.36	uq/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	32957	9.24	ug/L	0.00

7 MD
7/31/20

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	34112	9.771 uq/L	98
3) Chloromethane	1.25	50	22642	8.757 uq/L	97
5) Vinyl chloride	1.32	62	23198	9.229 uq/L	100
6) Bromomethane	1.53	94	13389	8.555 uq/L	98
8) Chloroethane	1.60	64	14349	10.699 uq/L	96
9) Trichlorofluoromethane	1.76	101	47960	11.091 uq/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	21783	10.350 uq/L	98
12) 1,1-Dichloroethene	2.13	96	20051	10.287 uq/L	99
13) Acetone	2.19	43	29074	19.853 uq/L	96
14) Carbon disulfide	2.31	76	61962	9.001 uq/L	97
15) Methyl Acetate	2.45	43	19131	8.177 uq/L	100
16) Methylene chloride	2.52	84	24462	9.681 uq/L	96
17) trans-1,2-Dichloroethene	2.78	96	22757	9.501 uq/L	94
18) Methyl tert-butyl Ether	2.78	73	71228	8.867 uq/L	98
19) 1,1-Dichloroethane	3.21	63	39257	9.155 uq/L	97
20) cis-1,2-Dichloroethene	3.94	96	23869	9.293 uq/L	93
22) 2-Butanone	4.00	43	25619	14.859 uq/L	93
23) Bromochloromethane	4.28	128	12895	9.051 uq/L	95
25) Chloroform	4.40	83	45213	9.645 uq/L	96
27) 1,2-Dichloroethane	5.16	62	38339	9.454 uq/L	# 93
29) Cyclohexane	4.70	56	31724	8.391 uq/L	98
30) 1,1,1-Trichloroethane	4.63	97	46529	10.380 uq/L	95
31) Carbon tetrachloride	4.86	117	42170	10.357 uq/L	99
33) Benzene	5.13	78	85887	9.158 uq/L	100
34) Trichloroethene	5.94	95	24092	9.270 uq/L	95
35) Methylcyclohexane	6.15	83	34494	8.609 uq/L	96
37) 1,2-Dichloropropane	6.20	63	19227	8.151 uq/L	# 93
38) Bromodichloromethane	6.53	83	33446	9.334 uq/L	96
39) cis-1,3-Dichloropropene	7.05	75	33473	8.381 uq/L	96
40) 4-Methyl-2-pentanone	7.25	43	51587	15.985 ug/L	99

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42) Toluene	7.41	91	92346	8.924	ug/L	95
44) trans-1,3-Dichloropropene	7.68	75	33781	8.365	ug/L	95
45) 1,1,2-Trichloroethane	7.86	97	22606	9.342	ug/L	96
46) Tetrachloroethene	8.00	164	21196	9.553	ug/L	99
48) 2-Hexanone	8.16	43	39362	15.188	ug/L	96
49) Dibromochloromethane	8.27	129	28189	9.390	ug/L	99
50) 1,2-Dibromoethane	8.37	107	23491	8.941	ug/L	90
51) Chlorobenzene	8.90	112	63161	9.168	ug/L	99
52) Ethylbenzene	9.03	91	102108	8.787	ug/L	98
53) m,p-Xylene	9.16	106	40916	9.201	ug/L	92
54) o-xylene	9.57	106	38731	8.969	ug/L	94
55) Styrene	9.58	104	64549	8.763	ug/L	95
56) Isopropylbenzene	9.95	105	103265	8.819	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	31808	8.503	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	28126	8.952	ug/L	99
61) Bromoform	9.75	173	20280	9.050	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	53961	9.334	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	54792	9.265	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	54558	9.320	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.45	75	8402	8.887	ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	40896	8.919	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	33392	8.198	ug/L	95
69) Naphthalene	13.53	128	82581	7.401	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	33754	8.352	ug/L	99

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